Guide to Vision OMS/ODS templates
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This document is intended as a guide to the Vision OMS/ODS monitoring templates available with Halcyon software products for IBM i.

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Overview

Halcyon Templates are designed to provide the same level of monitoring across a number of similar devices by applying a set of user-defined filters with a single-click. This greatly reduces set-up time and ensures all systems are covered by at least a basic level of monitoring.

Should you need to make a system-wide change at a later date, a single update covers all systems using the template.

Halcyon IBM i Templates also are available for the following specialized environments:

- Infor XA
- Infor XE
- JD Edwards
- Misys Equation
- Misys Midas Plus
- Infor M3
- Maxava
- Quick-EDD
- SAP
- Vision iTERA Availability
If you already use any of Halcyon's Level 1 to 4 software suites then follow these instructions to install templates to a customized environment on the IBM i. If you do not currently use Halcyon's tools in your IBM environment but wish to have more information, an on-line demonstration or a free trial then please see the list of contacts on the back page of this guide.

**Installation of Customized Environment**

Follow these instructions to install templates to a customized environment.

1. Install the Halcyon solution, using the appropriate installation guide.

2. Once successfully installed, log into the environment to which you wish to apply the customized template, for example, HALPROD/HALCYON.

3. From the command line run `ENDMON` and press F4. Follow the prompts to complete the ending of the monitors.

   **Note:** The installation of the customized environment fails if the monitors are not stopped.

4. From the command line type `CSTENV` and press F4.

5. Type the required authorization code for the template you wish to apply and press Enter.
Figure 1.1 Entering the customization code

Note: Each customized environment requires an authorization code. Please contact technicalservices@halcyonsoftware.com or your local Halcyon office or reseller for details on how to obtain this code.

The Customized environment is now installed.

6 From the main menu of your Halcyon solution, select option 5=Work with Rules. The template rules applicable to the customized environment that you installed can be found in the listed queue and rule groups. Default action schedules are installed and additionally, where appropriate, changes to system defaults may also be made.

In most cases, the templates supplied can be used immediately upon completion of installation, but there may be instances where you need to change rule properties to match those of your own environment. This can be done by taking option 2=Change against the rule and making the required changes. Similarly, should you require multiple rules for different message queues or devices and so on you can use option 3=Copy against the rule and then make the required amendments.
**Rule Actions**

Unless otherwise specified, all template rules are implemented with a default action schedule which sends an alert message to your local console (option 10=Message Console from the main menu). Should you wish to amend this option, take option 2=Change against the action within the rule and make the amendments as required.

⚠️ **Note:** Please refer to the user reference guide for your Halcyon solution for details of actions that may be applied to rules.
Vision Replication Monitoring

Vision Solutions provides cloud replication and recovery, high availability and disaster recovery, migration and cross-platform data sharing solutions for Windows®, Linux®, AIX®, IBM® i and Cloud Computing markets.

OMS/ODS™ for the IBM i helps to keep data available and applications running, by replicating applications, data and objects using either remote or local journaling.

Template Assignment
In most cases, the templates supplied can be used immediately upon completion of installation, but there may be instances where you need to change rule properties to match those of your own environment. This can be done by taking option 2=Change against the rule and making the required changes. Similarly, should you require multiple rules for different message queues or devices and so on you can use option 3=Copy against the rule and then make the required amendments.

Actions
Unless otherwise specified, all template rules are implemented with a default action schedule which sends an alert message to your local console (option 10=Message Console from the main menu). Should you wish to amend this option, take option 2=Change against the action within the rule and make the amendments as required.

Note: Please refer to the user reference guide for your Halcyon solution for details of actions that may be applied to rules.
Message Queue Rules

Vision Replication Message Queue monitoring templates can be found in the ODS400, OMS400 and QSYSOPR Message Rule Groups.

ODS400 QUSRYS ODS Message Queue
All the rules contained within this Message Rule Group run at a check interval of 60 seconds.

No Global Exclusions
Sequence number 0 is a special sequence number which cannot be deleted, even if you do not define any global exclusions for the named message queue.

If you have messages that are to be totally excluded from any type of action, take option 2=Change against sequence 0 to define the exact criteria for the exclusion. If a global exclusion exists for a message, then none of the other sequence numbers for this message queue are searched for a match and no action is taken.

ODS Sync/Object/Line Errors
This rule checks for messages:
- ODE0037 ODS/400 is unable to communicate with Remote Location &1
- ODE0116 ODSSYNCHK found &1 object(s) in error for system &2
- ODE0117 Object &1 in library &2 no longer exists. Object NOT sent
- ODE0407 ODS Change Role is already running. ODSCHGROLE not permitted at this time

The rule, which runs 24/7, raises an alert if any of these massages appear in the ODS400/ODMSGSM message file on the ODS400 message queue in library QUSRYS.

OMS400 QUSRYS OMS Message Queue
All the rules contained within this Message Rule Group run at a check interval of 60 seconds.

No Global Exclusions
See "No Global Exclusions" above for a description of this rule.

OMS Sync/Obj/Thresh/Line Errors
This rule checks for messages:
- OME0140 Error OMS/400 Reader/Sender job for Link ID &1 is unable to communicate
- OME0153 Object &1 in library &2 type &3 is out of sync
• OME0154 OMS/400 threshold has been exceeded for Link ID &1 apply job &4
• OME0374 Unable to communicate with remote system &1 via &2. Cause...

The rule, which runs 24/7, raises an alert if any of these massages appear in the OMS400/OGPMSGSM message file on the OMS400 message queue in library QUSRGSYS.

**QSYSOPR QSYSOPR Message Queue**
All the rules contained within this message queue run at a check interval of 60 seconds.

**No Global Exclusions**
See "No Global Exclusions" for a description of this rule.

**VISION: BLDOMSTRG completed normally**
BLDOMSTRG rebuilds the OMS/400 trigger maintenance file on both the source and target systems, based on the physical files that have triggers and are selected for an OMS/400 link.

This rule, which runs 24/7, checks to ensure that message MTC0001 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: Journal numbers current for all link**
CHKJRNSEQ checks the OMS/400 sequence numbers for all jobs in a link ID to ensure the source and target are at the same sequence number.

This rule, which runs 24/7, checks to ensure that message MTC0002 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: CHKLNKDFN completed normally**
CHKLNKDFN compares the total number of mirrored objects defined to a link and inactive objects for each link between the source and target systems. If the values for either category are not equal for a link ID, the spool file QSYSPRT is created to list the differences.

This rule, which runs 24/7, checks to ensure that message MTC0003 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: No *ERROR transactions**
This rule checks to ensure there are no ODS/400 (*ERROR) transactions.

This runs 24/7, checks to ensure that message MTC0004 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.
VISION: No *SEND, *WAITING or *PENDING Transactions in ODS
Checks to ensure there are no *SEND, *WAITING or *PENDING Transactions in ODS.

This rule, which runs 24/7, checks to ensure that message MTC0005 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: NO *OMS Objects
Checks to ensure there are no *OMS Objects outstanding.

This rule, which runs 24/7, checks to ensure that message MTC0006 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: CHKOPNCMT completed normally
CHKOPNCMT identifies the OMS/400 link IDs on the target system that have open commits. A record found in the file MRCCIDL is indicates that OMS/400 has not received the end commit transaction from the application on the source system.

This rule, which runs 24/7, checks to ensure that message MTC0007 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: CHKSYSSCMN completed normally
CHKSYSSCMN verifies that the specified communications are active and that the specified communication configuration attributes match between the source and target systems.

This rule, which runs 24/7, checks to ensure that message MTC0008 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: CHKVSISWAP completed normally
CHKVSISWAP ensures that the Role Swap process is functioning correctly.

This rule, which runs 24/7, checks to ensure that message MTC0009 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: ENDS3 completed normally
ENDS3 ends the auto synch check on the source system. If the auto synch check is active, the job ending with “S3” ends immediately for the link ID being processed.

This rule, which runs 24/7, checks to ensure that message MTC0010 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.
VISION: ODS updated to system
Ensures that ODS is updated to a &1 &2 system. Role swap capable is updated to &3.

This rule, which runs 24/7, checks to ensure that message MTC0011 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: ODS sync check jobs submitted ODS400
Ensures that ODS synchronization check jobs have been submitted to the ODS400 subsystem.

This rule, which runs 24/7, checks to ensure that message MTC0012 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: OMS sync check jobs submitted OMS400
Ensures that OMS synchronization check jobs have been submitted to the OMS400 subsystem.

This rule, which runs 24/7, checks to ensure that message MTC0013 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: SBMPLM completed normally
Checks to ensure that SBMPLM has completed normally. When the PLM job runs, it will change objects journal information (Images or OMTJRNE, for example) to match with the link’s journal configuration.

This rule, which runs 24/7, checks to ensure that message MTC0014 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: SBMSYNCHK completed normally
SBMSYNCHK integrates the running of both the OMS/400 and ODS/400 synch check processes into a single command. For OMS, this submits either an OMS/400 sample synch check for each selected link ID or a synch error job for all of OMS/400 for either the QSYS or IFS files systems. For ODS, this submits either a complete ODS/400 Syncheck as a single job or multiple ODS/400 Syncheck jobs one for each library or path defined to ODS.

This rule, which runs 24/7, checks to ensure that message MTC0015 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: SNDJRNU70 completed normally
SNDJRNU70 sends a U70 journal entry to the local journal associated with the link ID. The U70 is used to mark all the router and apply jobs current if no applications transactions are deposited into the journal.
This rule, which runs 24/7, checks to ensure that message MTC0016 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: SNDODSCFG completed normally**
SNDODSCFG sends the ODS/400 configuration files. The program writes a control record to the file MRRCFGP for each file to be copied. Then the command calls the same program (ODC820) as the RMTCFGUPD job to send across the configuration files.

This rule, which runs 24/7, checks to ensure that message MTC0017 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: SNDPLMCFG completed normally**
Sends the PLM configuration files. The program writes a control record to file MRRCFGP for each file to be copied. Then the command calls the same program (MRR484) as the RMTCFGUPD job to send the PLM files to the target. The following files are sent to the target system via FTP or DDM: MRRLMONP and MREXCLP. If the data area value for VSIUSEFTP is Y, then FTP. If the value is N, then DDM.

This rule, which runs 24/7, checks to ensure that message MTC0018 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: STRMQRCDI completed normally**
STRMQRCDI executes the VSIRCDMQM for all *JRN link IDs. For MQ Series message queues and related objects, the VSIRCDMQM executes a record media image for all MQ/400 objects. OMS/400 Journal Manager tracks the receivers that must be retained in order to recover MQ/400 objects from a media image. No receivers are deleted that include the recovery media image or that are generated subsequently, until the command is executed again, which establishes a new recovery checkpoint.

This rule, which runs 24/7, checks to ensure that message MTC0019 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: STRVSICHK completed normally**
Used for the pre-role swap and role swap check processes. It executes a series of commands from the STRVSICHK command interface.

This rule, which runs 24/7, checks to ensure that message MTC0020 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.
VISION: STRVSISWAP completed normally
The role swap process is driven by the STRVSISWAP command. This rule checks to ensure that the STRVSISWAP command has completed normally.

This rule, which runs 24/7, checks to ensure that message MTC0021 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: SWAPMQ completed normally
This rule checks to ensure that the SWAPMQ has completed normally.

This rule, which runs 24/7, checks to ensure that message MTC0022 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: Time elapsed for RCVMSG
RCVMSG monitors ODSCHGROLE on the remote system.

This rule, which runs 24/7, checks to ensure that message MTC0023 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: ODSCHGROLE completed on remote system
The ODSCHGROLE command is used to perform an ODS/400 role swap. The command is issued on both the source and target systems. When a role swap is performed the direction of data replication is reversed, and what was the target system prior to the role swap assumes the role of the source, replicating data to what was the source prior to the role swap.

This rule, which runs 24/7, checks to ensure that message MTC0024 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: OMSCHGROLE job submitted to jobq
OMSCHGROLE checks for inactive objects and submits a job(s) that executes the OMSCHGROLE.

This rule, which runs 24/7, checks to ensure that message MTC0025 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: VFYJRNSTS completed normally
VRYJRNSTS submits the VFYJRNSTS job to the OMS400 subsystem. The job calls the OMS/400 product programs to create a list of journaled objects and identify the status for each object to the link ID. If an error occurs, a message is sent to the QSYSOPR message queue.

This rule, which runs 24/7, checks to ensure that message MTC0026 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.
VISION: TGTBKUP completed on source system
TGTBKUP ensures that the target backup routine has completed on the source system.

This rule, which runs 24/7, checks to ensure that message MTC0027 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if when this message is received.

VISION: ENDUSRAPPS completed
ENDUSRAPPS retrieves the user exit programs that end subsystems, jobs, and communication for the specified role.

This rule, which runs 24/7, checks to ensure that message MTC0028 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: STRUSRAPPS completed
STRUSRAPPS retrieves the user exit program that starts subsystems, jobs, and communication for the specified role.

This rule, which runs 24/7, checks to ensure that message MTC0029 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: ODSCHGROLE job submitted to jobq
The ODSCHGROLE command is used to perform an ODS/400 role swap. The command is issued on both the source and target systems.

This rule, which runs 24/7, checks to ensure that message MTC0030 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: User requested end of ODSCHGROLE
The ODSCHGROLE command is used to perform an ODS/400 role swap. The command is issued on both the source and target systems. This rule detects a message raised when a user has requested the end of ODSCHGROLE command due to pending transactions.

This rule, which runs 24/7, checks to ensure that message MTC0031 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Data area USRAPPSTS changed
Each menu in the Advanced Role Swap Utility contains the User Application Status. The User Application Status displays the current state of the application, as determined by the USRAPPSTS data area. This rule detects if data area USRAPPSTS has been changed to &1.
This rule, which runs 24/7, checks to ensure that message MTC0032 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: Data area changed**
This rule detects if data area &1 has been changed to &2 or &3.

The rule, which runs 24/7, checks to ensure that message MTC0033 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: CHKIFSDFN completed normally**
This rule detects if CHKIFSDFN has completed normally.

The rule, which runs 24/7, checks to ensure that message MTC0034 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: CHKOMSOBJ completed normally**
CHKOMSOBJ checks OMS/400 for inactive objects. If inactive objects are found, the user is prompted with the OMS/400 Object Status display. All inactive objects must be re-synchronized prior to the OMS/400 role swap.

The rule, which runs 24/7, checks to ensure that message MTC0035 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: ODS local system has been changed**
This rule detects if the ODS local system has been changed to &1 and the remote system to &2.

The rule, which runs 24/7, checks to ensure that message MTC0036 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: VSI Tools configured to library**
This rule detects if the VSI tools have been configured to library &1.

The rule, which runs 24/7, checks to ensure that message MTC0037 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

**VISION: The ODS role swap capable flag is set**
This rule detects if the ODS role swap capable flag has been set to &1.

The rule, which runs 24/7, checks to ensure that message MTC0038 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.
VISION: CFGPFMM completed for action
This rule checks that CFGPFMM has completed for action &1.
The rule, which runs 24/7, checks to ensure that message MTC0039 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: Journaled object count
This rule checks that the number of journaled objects for journal &2/&3 is &1.
The rule, which runs 24/7, checks to ensure that message MTC0040 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: Review QSYSPRT for objects not mirrored
This rule reviews the QSYSPRT spooled file for objects journaled, but not mirrored.
The rule, which runs 24/7, checks to ensure that message MTC0041 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: Job OMSBLDCSTX submitted to OMS400
This rule checks that job OMSBLDCSTX has been submitted to the OMS400 subsystem.
The rule, which runs 24/7, checks to ensure that message MTC0042 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: Job OMSJRNMNTX submitted to OMS400
This rule checks that job OMSJRNMNTX has been submitted to the OMS400 subsystem.
The rule, which runs 24/7, checks to ensure that message MTC0043 is received in message file MTTMSGF, in library VSIARS, and an alert is raised when this message is received.

VISION: Generic MTC9898 Message
This rule monitors for the generic MTC9898 Message.
The rule, which runs 24/7, checks to ensure that message MTC9898 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.
VISION: Error calling remote command
This rule monitors for an error calling a remote command.
The rule, which runs 24/7, checks to ensure that message MTE0001 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: *NOTCFG is set for current environment
If an environment is not configured or if *ENV is specified for the type and a link ID was not found, *NOTCFG is returned.
The rule, which runs 24/7, checks to ensure that message MTE0002 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Invalid environment
This rule monitors for the &1 environment being invalid.
The rule, which runs 24/7, checks to ensure that message MTE0003 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Invalid Link ID
This rule monitors for &1 being an invalid link ID.
The rule, which runs 24/7, checks to ensure that message MTE0004 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Link ID roles are *INCONSISTENT
This rule checks for any Link ID roles that are *INCONSISTENT.
The rule, which runs 24/7, checks to ensure that message MTE0005 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Only allowed on the source system
The rule, which runs 24/7, checks to ensure that message MTE0006 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Comms link ID attributes are *INCONSISTENT
This rule checks for any communication link ID attributes that are inconsistent.
The rule, which runs 24/7, checks to ensure that message MTE0007 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.
VISION: Unable to communicate with remote system
This rule checks for any inability to communicate with the remote system.
The rule, which runs 24/7, checks to ensure that message MTE0008 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Remote program error
This rule checks for a remote program error. Review job log for the GPS9022 on the target.
The rule, which runs 24/7, checks to ensure that message MTE0009 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: ENDS3 ended abnormally
ENDS3 ends the auto synch check on the source system. If the auto synch check is active, the job ending with “S3” ends immediately for the link ID being processed. This rule checks to ensure that ENSDS3 has not ended abnormally.
The rule, which runs 24/7, checks to ensure that message MTE0010 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: ENDUSRJOB ended abnormally
This rule checks that any ENDUSRJOB has not ended abnormally.
The rule, which runs 24/7, checks to ensure that message MTE0011 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Error retrieving data area QGPL/VSILIB
QGPL/VSILIB is the OMS/400 production library. This rule checks if there is an error in retrieving this data area.
The rule, which runs 24/7, checks to ensure that message MTE0012 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Error retrieving data area QGPL/ODS400
QGPL/ODS400 is General Purpose Library for the Object Distribution System. This rule checks if there is an error in retrieving this data area.
The rule, which runs 24/7, checks to ensure that message MTE0013 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

VISION: Error retrieving data area *LIBL/ARSLIB
*LIBL/ARSLIB is the library used to store the objects. This rule checks if there is an error in retrieving this data area.
The rule, which runs 24/7, checks to ensure that message MTE0014 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: Error changing library list**
This rule checks to ensure that there are no errors when changing a library list.

The rule, which runs 24/7, checks to ensure that message MTE0015 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: Level check for display file**
The rule, which runs 24/7, checks to ensure that message MTE0016 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: Error with SNDLNKDFN**
SNDLNKDFN uses the OMS400 command OMSOBJINZ to send link definitions. Prior to executing OMSOBJINZ, OMS/400 on the target system ends for the selected link ID.

The rule, which runs 24/7, checks to ensure that message MTE0017 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: OMS and ODS roles are *INCONSISTENT**
This rule checks to ensure that the OMS and ODS roles are not *INCONSISTENT.

The rule, which runs 24/7, checks to ensure that message MTE0018 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: Program error. Review Job Log**
If an error occurs within a task, a message states “Program Error. Review Job log.”

The rule, which runs 24/7, checks to ensure that message MTE0019 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.

**VISION: Invalid Password**
The rule, which runs 24/7, checks to ensure that message MTE0020 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is received.
VISION: ODS is NOT role swap capable
This rule checks to ensure that the ODS is always role swap capable.

If it is NOT role swap capable, message MTE0021 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: ODS configuration must have ODS400 MSGQ
The ODS configuration must have ODS400 defined as a message queue. If no message queue named ODS400 is found, message MTE0022 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: Unable to clear message queue
If it is not possible to clear the &1 message queue, message MTE0023 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: Time lapsed for RCVMSG. Check QDSCHGROLE
If the time has lapsed for the Receive Message command to have received the required message, ODSCHGROLE is monitored and the Remote job is NOT submitted.

Message MTE0024 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: ODSCHGROLE ended with errors
If the ODSCHGROLE command ends with errors, message MTE0025 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: Only allowed to execute TGTBKUP on SOURCE
If command TGTBKUP can only be executed on the Source system, message MTE0026 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: Unable to communicate
If the system is unable to communicate via &1, message MTE0027 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.
VISION: Exit PGM to start user APP not found
If the Exit Program &1/&2 file required to start a user application is not found, message MTE0028 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: Exit PGM to end user APP not found
If the Exit Program &1/&2 file required to end a user application is not found, message MTE0029 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

VISION: Exit PGM data area not configured
If the Exit Program data area &1/&2 is not configured, then message MTE0030 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: Submit to remote only allowed from SOURCE
If the submit to remote functionality is only allowed from the SOURCE system, then message MTE0031 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: User request to end ODSCHGROLE due to error
If a user requests to end ODSCHGROLE due to errors, then message MTE0032 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: End CHKVSISWP. STRVSICHK not submitted
CHKVSISWAP ensures that the Role Swap process is functioning correctly. STRVSICHK is the pre-role swap check. If STRVSICHK is not submitted then message MTE0033 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: Review joblog and the GPS9022 on target
If there is an error calling a remote command, message MTE0034 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.
VISION: Max timeout reached. SNDLNKDFN aborted
SNDLNKDFN uses the OMS400 command OMSOBJINZ to send link definitions. If the max timeout period is reached and the SNDLNKDFN command is aborted, message MTE0035 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: Exit program &1/&2 not found
If exit program &1/&2 cannot be found then message MTE0036 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: OMS &1 inactive objects for ID &2
If OMS &1 inactive objects are discovered for link ID &2, then message MTE0037 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: End OMSCHGROLE for link ID &1
If OMSCHGROLE for link ID &1 is ended by user request, message MTE0038 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: Unable to allocate file &1/ODRSTSP
If OMS400 is unable to allocate file &1/ODRSTSP, message MTE0039 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: There is no msgq configured for ID &1
If there is no message queue configured for link ID &1, message MTE0040 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: There is no journal config for ID &1
If there is no journal configured for link ID &1, message MTE0041 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: Value *SAME invalid when parm ODRSWP=*YES
When ODRSWP is set to *YES it forces ODS/400 to be role swap compatible. If value *SAME is not valid when parameter ODRSWP is set to *YES, message MTE0042 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.
VISION: End target backup. TGTBKUP not submitted
If there is a user request to end target backup, TCGBKUP is not submitted to the remote system, then message MTE0043 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: Library &1 does not exist
If Library &1 does not exist, message MTE0044 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: *NONE not allowed with &1. Specify valid link ID
A valid link ID must be specified so if an invalid parameter of *NONE has been specified with &1, message MTE0045 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: MQ Queue Mgr library &1 does not exist
If the MQ Queue Manager library &1 does not exist, message MTE046 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: There are OMS &1 inactive objects ID &2
If OMS &1 inactive objects are discovered for link ID &2, then message MTE0047 is generated and sent to MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a 24/7 monitoring period.

VISION: OMS role is *INCONSISTENT for link ID &1
This rule monitors to check if the defined OMS role is *INCONSISTENT for the link ID &1.

The rule, which runs 24/7, checks for message MTI0001 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

VISION: OMS remote system is *INCONSISTENT for link ID &1
This rule monitors to check if the defined OMS remote system is *INCONSISTENT for the link ID &1.

The rule, which runs 24/7, checks for message MTI0002 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.
VISION: OMS send type is *INCONSISTENT for link ID &1
This rule monitors to check if the defined OMS send type is *INCONSISTENT for the link ID &1.

The rule, which runs 24/7, checks for message MTI0003 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

VISION: OMS remote location is *INCONSISTENT link ID &1
This rule monitors to check if the defined OMS remote location is *INCONSISTENT for the link ID &1.

The rule, which runs 24/7, checks for message MTI0004 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

VISION: OMS mode is *INCONSISTENT link ID &1
This rule monitors to check if the defined OMS mode is *INCONSISTENT for the link ID &1.

The rule, which runs 24/7, checks for message MTI0005 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

VISION: OMS remote IP is *INCONSISTENT link ID &1
This rule monitors to check if the defined OMS remote IP is *INCONSISTENT for the link ID &1.

The rule, which runs 24/7, checks for message MTI0006 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

VISION: OMS password is *INCONSISTENT link ID &1
This rule monitors to check if the defined OMS password is *INCONSISTENT for the link ID &1.

The rule, which runs 24/7, checks for message MTI0007 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

VISION: OMS status *INCONSISTENT link ID &1
This rule monitors to check if the defined OMS status is *INCONSISTENT for the link ID &1.
The rule, which runs 24/7, checks for message MTI0008 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

**VISION: SWAPODS received ODSCHGROLE comp message**
This rule monitors to check if SWAPODS has received the ODSCHGROLE completion message.

The rule, which runs 24/7, checks for message MTI0009 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

**VISION: STRVSISWAP wait for ENDUSRAPPS complete**
This rule monitors to check if STRVSISWAP is waiting for ENDUSRAPPS to complete.

The rule, which runs 24/7, checks for message MTI0010 being generated and received in the MTTMSG message file, in library VSIARS. An alert is raised if this message is received at anytime during the monitoring period.

**VISION: ODSCHGROLE comp success on remote system**
This rule monitors to check if ODSCHGROLE has completed successfully on the remote system.

The rule, which runs 24/7, checks to ensure that message MTI0011 is received in message file MTTMSGF, in library VSIARS, and an alert is raised if this message is not present.

**VISION: Time elapsed for RCVMSG. Monitor ODSCHGROLE**
This rule monitors to see if the time has lapsed for the Receive Message command to have received the required message. If the time has elapsed, ODSCHGROLE is monitored.

Message MTI0012 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if this message is received at anytime during a constant 24/7 monitoring period.

**VISION: SWAPODS received ODSCHGROLE error message**
This rule monitors SWAPODS for an ODSCHGROLE error message being received. SWAPODS starts the ODS/400 role swap.

If this message is received then Message MTI0013 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SWAPODS received ODSCHGROLE comp message**
This rule monitors SWAPODS for an ODSCHGROLE completion message being received. SWAPODS starts the ODS/400 role swap.
If this message is received then Message MTI0014 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: TGTBKUPMGR sbm save-while-active msg TGTBKUP**
This rule monitors to see if the target backup manager (TGTBKUPMGR) has been submitted to receive the ‘save-while-active’ message from the target backup (TGTBKUP).

If this message is received then Message MTI0015 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: &1 received save-while-active checkpoint**
This rule monitors to see if &1 received the ‘save-while-active’ checkpoint message from the target backup.

If this message is received then Message MTI0016 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: ID &1 ready for Target Backup**
This rule monitors to see if link ID &1 is ready for Target Backup.

Message MTI0017 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Target Backup starting link ID &1**
This rule monitors to see if the Target Backup is starting link ID &1.

Message MTI0018 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: OMS & ODS not configured for the same role**
This rule monitors to ensure that the OMS and ODS are not configured for the same role (SOURCE or TARGET).

If OMS and ODS are configured for the same role, message MTI0019 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Dlt all recs file MRTRGFP on source system**
This rule monitors for the deletion of all records for file MRTRGFP on the source system being started. MRTRGFP is the trigger maintenance file.

Message MTS0001 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
**VISION: Dlt all recs file MRTRGFP on target system**
This rule monitors for the deletion of all records for file MRTRGFP on the source system being started. MRTRGFP is the trigger maintenance file.

Message MTS0002 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Rebld trigger maint file MRTRGFP link**
This rule monitors for the rebuilding of the trigger maintenance file MRTRGFP for link &1 being started. The trigger maintenance file enables and disables trigger definitions for mirrored physical files during the final stages of an OMS/400 role change. It ensures that all records exist and that all old records are deleted from the trigger maintenance file prior to a role swap.

Message MTS0003 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Chk OMS jrn seq nbr for link ID &1**
This rule checks for the process of the OMS journal sequence numbers for link ID &1 being started.

Message MTS0004 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Review jrn activity for link ID &1**
This rule checks for the process of the review of journal activity for link ID &1 being started.

Message MTS0005 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Compare tot nbr mirrored & *INACT objects**
This rule checks for the process of the comparison of the total number of mirrored and *INACT objects for the link ID &1 being started.

Message MTS0006 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Nbr mirrored and/or *INACT objects <> ID &1**
This rule checks the number of mirrored and/or *INACT objects DO NOT EQUAL for link ID &1.

Message MTS0007 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: Nbr mirrored and/or *INACT objects = ID &1
This rule checks the number of mirrored and/or *INACT objects EQUAL for link ID &1.

Message MTS0008 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Review splf QSYSPRT for OMS Mirrored Objects
This rule checks for the process of the review of spooled file QSYSPRT for OMS Mirrored Objects being started.

Message MTS0009 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Checking the status for link ID &1
This rule checks for the process of checking the status for link ID &1 being started.

Message MTS0010 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Checking ODS for &1 transactions
This rule checks for the process of checking ODS for &1 transactions being started.

Message MTS0011 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Review ODS transactions in *ERROR status
This rule checks for the process of the review of ODS transactions in *ERROR status being started.

Message MTS0012 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Review ODS trans *SEND/*WAITING/*PENDING
This rule checks for the process of the review of ODS transactions in *SEND/*WAITING/*PENDING status being started.

Message MTS0013 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: Chk OMS &1 QSYS objs link ID &2
This rule checks for the process of checking OMS &1 QSYS objects for link ID &2 being started.

Message MTS0014 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Review OMS &1 QSYS objs for link ID &2
This rule checks for the process of the review of OMS &1 QSYS objects for link ID &2 being started.

Message MTS0015 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Chk OMS &1 IFS objs for link ID &2
This rule checks for the process of checking OMS &1 IFS objects for link ID &2 being started.

Message MTS0016 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Review OMS &1 IFS objs for link ID &2
This rule checks for the process of the review of OMS &1 IFS objects for link ID &2 being started.

Message MTS0017 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Chk OMS open commits for link ID &1
This rule checks for the process of checking CMS open commits for link ID &1 being started. A status of ‘A’ indicates that OMS/400 has not received the end commit transaction. Therefore, user spaces are retained and the time to complete an OMS/400 Change Role is affected because all the user spaces are being copied to the OMS/400 product library and searched in order to rollback uncommitted transactions.

Message MTS0018 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: OPEN COMMITS ARE FOUND for link ID &1
This rule checks if ‘OPEN COMMITS ARE FOUND for link ID &1’.

Message MTS0019 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: There are NO open commits for link ID &1
This rule checks if there are NO open commits fr link ID &1.
Message MTS0020 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Review splf QSYSPRT for OMS Open Commits
This rule checks for the process of the review of spooled file QSYSPRT for OMS Open Commits being started.
Message MTS0021 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Retrieving link ID comms attributes
This rule checks for the process of retrieving link ID communication attributes being started.
Message MTS0022 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Chk comms with remote system &1
This rule checks for the process of checking remote communications with remote system &1 being started.
Message MTS0023 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Comms verified with remote system &1
This rule checks for the process of verifying remote communications with remote system &1 being started.
Message MTS0024 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: OMS is ready to be a &1 system
This rule checks to ensure that OMS is ready to be a &1 system.
Message MTS0025 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
**VISION: ODS is ready to be a &1 system**  
This rule checks to ensure that ODS is ready to be a &1 system.  
Message MTS0026 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Vision Suite is ready to be a &1 system**  
This rule checks to ensure that Vision Suite is ready to be a &1 system.  
Message MTS0027 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Ending the auto sync chk job link ID &1**  
This rule checks for the process of ending the auto sync check job for link ID &1 being started.  
Message MTS0028 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Creating a list of ODS paths**  
This rule checks for the process of creating a list of ODS paths being started.  
Message MTS0029 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Submitting ODS sync check for path &1**  
This rule checks for the process of submitting ODS sync check for path &1 being started.  
Message MTS0030 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Inz file MRSERRP for *SAMPLE sync check**  
This rule checks the initializing of file MRSERRP for *SAMPLE sync check being started. MRSERRP is the Allocation Error Log file.  
Message MTS0031 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: Upd file MRSERRP for *ERROR sync check
This rule checks the process of updating of file MRSERRP for *ERROR sample sync check being started. MRSERRP is the Allocation Error Log file.

Message MTS0032 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Sbm OMS *SAMPLE sync check for link ID &1
This rule checks the process of submitting OMS *SAMPLE sync check for link ID &1 being started.

Message MTS0033 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Sbm OMS sync check *ERROR for link ID &1
This rule checks the process of submitting OMS sync check *ERROR for link ID &1 being started.

Message MTS0034 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Sbm the PLM for link ID &1
This rule checks the process of submitting the PLM for link ID &1 being started.

Message MTS0035 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Sending jrn entry U70 for link ID &1
This rule checks the process of sending journal entry U70 for link ID &1 being started.

Message MTS0036 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Ending OMS on target system for link ID &1
This rule checks the process of ending OMS on target system for link ID &1 being started.

Message MTS0037 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Waiting for OMS jobs to end. Dly 10 secs
This rule checks if the system is waiting for OMS jobs to end and delaying job for 10 seconds.
Message MTS0038 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Prep send link def file MRMOBJP link**
This rule checks the process of preparing to send the link definition file MRMOBJP for link ID &1 being started. MRMOBJP is the mirrored object definition file.

Message MTS0039 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Unable send link def file MRMOBJP ID &1**
This rule checks to see if it is unable to send the link definition file MRMOBJP for link ID &1. MRMOBJP is the mirrored object definition file.

If it is unable to send, message MTS0040 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Starting OMS on target for link ID &1**
This rule checks the process of starting OMS on the target for link ID &1 being started.

Message MTS0041 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: File lnklib/MRMOBJP link ID &1 sent to target system**
This rule checks the process of the file linklibrary/MRMOBJP for link ID &1 being sent to the target system being started. MRMOBJP is the mirrored object definition file.

Message MTS0042 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sending ODS config files to target system**
This rule checks the process of sending ODS configuration files to the target system being started.

Message MTS0043 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sending PLM monitor & excl file link ID &1**
This rule checks the process of sending PLM monitor and exclusion file for link ID &1 being started. PLM is the Production Library Monitor.
Message MTS0044 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Starting VSIRCDMQM for link &1**
This rule checks the process of starting VSIRCDMQM for link ID &1 being started. VSIRCDMQM executes a record media image for all MQSeries objects.

Message MTS0045 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: MQ Queue Manager &1 not active**
This rule checks if the MQ Queue Manager &1 is not active. The MQ Queue Manager is a system program that provides queuing services to applications.

Message MTS0046 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Checking system role**
This rule checks if the process of checking the system role being started. The MQ Queue Manager is a system program that provides queuing services to applications.

Message MTS0047 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm CHKVSISWAP job. Job chk new &1 system**
This rule checks if the process of submitting CHKVSISWAP job and checking for a new &1 system being started. CHKVSISWAP ensures that the Role Swap process is functioning correctly.

Message MTS0048 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm STRVSISWAP for rmt sys &1**
This rule checks if the process of submitting STRVSISWAP for remote system &1 being started. STRVSISWAP drives the Role Swap process.

Message MTS0049 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Rebuild MQ queues for link ID &1**
This rule checks if the process of rebuilding MQ queues for link ID &1 being started.
Message MTS0050 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Recording MQ object image for link &1**
This rule checks if the process of recording MQ object image for link ID &1 being started. Record MQ Object Image is used to provide a marker for the selected set of MQ objects, so that the Recreate MQM Object command can recover this set of objects from journal data recorded subsequently.

Message MTS0051 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm ODSCHGROLE for the local system**
This rule checks if the process of submitting ODSCHGROLE for the local system being started. ODSCHGROLE is used to perform an ODS/400 role swap.

Message MTS0052 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Receiving ODSCHGROLE messages**
This rule checks if ODSCHGROLE messages are being received. ODSCHGROLE is used to perform an ODS/400 role swap.

Message MTS0053 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Clearing &1 msgq on remote system**
This rule checks if the process of clearing &1 msgq on the remote system has been started.

Message MTS0054 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm OMSCHGROLE to local system**
This rule checks if the process of submitting the OMSCHGROLE to the local system has been started.

Message MTS0055 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Retrieving status of ODSCHGROLE remote system**
This rule checks if the process of retrieving the status of ODSCHGROLE from the remote system has been started.
Message MTS0056 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm OMSCHGROLE job *BCHIMMED link ID &1**
This rule checks if the process of submitting OMSCHGROLE job *BCHIMMED for link ID &1 has been started. *BCHIMMED submits the ODS/400 change role job to the OMS400 subsystem. The job retrieves the information messages from the change role process.

Message MTS0057 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm OMSCHGROLE for link ID to remote system**
This rule checks if the process of submitting OMSCHGROLE for link ID &1 to the remote system has been started.

Message MTS0058 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Starting OMSCHGROLE job *BCHCNTRLD ID &1**
This rule checks if the process of starting OMSCHGROLE job *BCHCNTRLD for link ID &1 has been started.

Message MTS0059 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Retrieve list of jrn objs link ID &1**
This rule checks if the process of starting OMSCHGROLE job *BCHCNTRLD for link ID &1 has been started.

Message MTS0060 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Start jrn verification process link ID &1**
This rule checks if the process of starting the journal verification process for link ID &1 has been started.

Message MTS0061 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm TGTBKUP job on remote system**
This rule checks if the process of submitting the TGTBKUP job on the remote system has been started.
Message MTS0062 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Ending ODS**
This rule checks if the Ending ODS process has been started.

Message MTS0063 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Adding save jrn entry & end apply job for link ID &1**
This rule checks if the process of adding the save journal entry and ending the apply jobs for link ID &1 has been started.

Message MTS0064 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Ending User Applications on &1 system**
This rule checks if the process of ending user applications on &1 system has been started.

Message MTS0065 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Starting User Applications on &1 system**
This rule checks if the process of starting user applications on &1 system has been started.

Message MTS0066 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKSYSCMN - Starting @ time &1**
This rule checks if the CHKSYSCMN command has been started at time &1. CHKSYSCMN verifies that the specified communications are active and that the specified communication configuration attributes match between the source and target systems.

Message MTS0067 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKSYSCMN - Completed @ time &1**
This rule checks if the CHKSYSCMN command has completed at time &1. CHKSYSCMN verifies that the specified communications are active and that the specified communication configuration attributes match between the source and target systems.
Message MTS0068 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKLNKDFN - Starting @ time &1**
This rule checks if the CHKLNKDFN command has been started at time &1. CHKLNKDFN compares the total number of mirrored objects defined to a link and inactive objects for each link between the source and target systems.

Message MTS0069 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKLNKDFN - Completed @ time &1**
This rule checks if the CHKLNKDFN command has completed at time &1. CHKLNKDFN compares the total number of mirrored objects defined to a link and inactive objects for each link between the source and target systems.

Message MTS0070 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKOPNCMT - Starting @ time &1**
This rule checks if the CHKOPNCMT command has been started at time &1. CHKOPNCMT identifies the OMS/400 link IDs on the target system that have open commits.

Message MTS0071 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKOPNCMT - Completed @ time &1**
This rule checks if the CHKOPNCMT command has completed at time &1. CHKOPNCMT identifies the OMS/400 link IDs on the target system that have open commits.

Message MTS0072 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: VFYJRNSTS - Starting @ time &1**
This rule checks if the CHKOPNCMT command has been started at time &1. VFYJRNSTS submits the VFYJRNSTS job to the OMS400 subsystem. The job calls the OMS/400 product programs to create a list of journaled objects and identify the status for each object to the link ID.

Message MTS0073 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: Sbm job VFYJRNSTS to the target system
This rule checks if the process of submitting the job VRYJRNSTS to the target system has been started.

Message MTS0074 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Review MRR3300 report on the target system
This rule checks if the process of reviewing the MRR3300 report on the target system has been started. VRYJRNSTS creates the QPRINT spool file with user data MRR330.

Message MTS0075 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION:VFYJRNSTS - Completed @ time &1
This rule checks if the VFYJRNSTS command has completed at time &1. VFYJRNSTS submits the VFYJRNSTS job to the OMS400 subsystem. The job calls the OMS/400 product programs to create a list of journaled objects and identify the status for each object to the link ID.

Message MTS0076 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: BLDOMSTRG - Starting @ time &1
This rule checks if the BLDOMSTRG command has been started at time &1. BLDOMSTRG rebuilds the OMS/400 trigger maintenance file on both the source and target systems, based on the physical files that have triggers and are selected for an OMS/400 link.

Message MTS0077 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: BLDOMSTRG - Completed @ time &1
This rule checks if the BLDOMSTRG command has completed at time &1. BLDOMSTRG rebuilds the OMS/400 trigger maintenance file on both the source and target systems, based on the physical files that have triggers and are selected for an OMS/400 link.

Message MTS0078 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
**VISION: ENDS3 - Starting @ time &1**
This rule checks if the ENDS3 command has been started at time &1. ENDS3 ends the Auto Syncheck job associated with an OMS/400 link ID.

Message MTS0079 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: ENDS3 - Completed @ time &1**
This rule checks if the ENDS3 command has completed at time &1. ENDS3 ends the Auto Syncheck job associated with an OMS/400 link ID.

Message MTS0080 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SYNCHKTYPE *SAMPLE - Starting @ time &1**
This rule checks if the SYNCHKTYPE *SAMPLE routine has been started at time &1.

Message MTS0081 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SYNCHKTYPE *SAMPLE - Completed @ time &1**
This rule checks if the SYNCHKTYPE *SAMPLE routine has completed at time &1.

Message MTS0082 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SYNCHKTYPE *ERROR - Starting @ time &1**
This rule checks if the SYNCHKTYPE *ERROR routine has been started at time &1.

Message MTS0083 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SYNCHKTYPE *ERROR - Completed @ time &1**
This rule checks if the SYNCHKTYPE *ERROR routine has completed at time &1.

Message MTS0084 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: ODSSYNCHK - Starting @ time &1
This rule checks if ODSSYNCHK has been started at time &1. SBMODSSYNC submits the ODS/400 synch check jobs to the ODS400 subsystem. If specified to submit multiple jobs, there is an ODS/400 synch check job for each system or path defined to ODS. The job name is ODSSYNCHK and the spool file names are ODP261P2 and ODP261P1.

Message MTS0085 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: ODSSYNCHK - Completed @ time &1
This rule checks if ODSSYNCHK has completed at time &1. SBMODSSYNC submits the ODS/400 synch check jobs to the ODS400 subsystem. If specified to submit multiple jobs, there is an ODS/400 synch check job for each system or path defined to ODS. The job name is ODSSYNCHK and the spool file names are ODP261P2 and ODP261P1.

Message MTS0086 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: STRMQRCDI - Starting @ time &1
This rule checks if the STRMQRCDI command has been started at time &1.

STRMQRCDI executes the VSIRCDMQM for all *JRN link IDs. For MQ Series message queues and related objects, the VSIRCDMQM executes a record media image for all MQ/400 objects.

Message MTS0087 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: STRMQRCDI - Completed @ time &1
This rule checks if the STRMQRCDI command has completed at time &1.

STRMQRCDI executes the VSIRCDMQM for all *JRN link IDs. For MQ Series message queues and related objects, the VSIRCDMQM executes a record media image for all MQ/400 objects.

Message MTS0088 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: SNDPLMCFG - Starting @ time &1
This rule checks if the SNDPLMCFG command has been started at time &1.

SNDPLMCFG Sends the PLM configuration files. The program writes a control record to file MRRCFGP for each file to be copied.
Message MTS0089 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SNDPLMCFG - Completed @ time &1**
This rule checks if the SNDPLMCFG command has completed at time &1.

SNDPLMCFG Sends the PLM configuration files. The program writes a control record to file MRRCFGP for each file to be copied.

Message MTS0090 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SNDODSCFG - Starting @ time &1**
This rule checks if the SNDODSCFG command has been started at time &1.

SNDODSCFG sends the ODS/400 configuration files. The program writes a control record to the file MRRCFGP for each file to be copied.

Message MTS0091 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SNDODSCFG - Completed @ time &1**
This rule checks if the SNDODSCFG command has completed at time &1.

SNDODSCFG sends the ODS/400 configuration files. The program writes a control record to the file MRRCFGP for each file to be copied.

Message MTS0092 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKODSOBJ - Starting @ time &1**
This rule checks if the CHKODSOBJ command has been started at time &1.

CHKODSOBJ displays ODS/400 transactions that are in *ERROR or PROCESSING status. The transactions are located by searching the ODS/400 transaction file ODOTRNP for records with either status.

Message MTS0093 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKODSOBJ - Completed @ time &1**
This rule checks if the CHKODSOBJ command has completed at time &1.

CHKODSOBJ displays ODS/400 transactions that are in *ERROR or PROCESSING status. The transactions are located by searching the ODS/400 transaction file ODOTRNP for records with either status.
Message MTS0094 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKODSOBJ - Starting @ time &1**
This rule checks if the CHKODSOBJ command has been started at time &1.

CHKODSOBJ displays ODS/400 transactions that are in *ERROR or PROCESSING status. The transactions are located by searching the ODS/400 transaction file ODOTRNP for records with either status.

Message MTS0095 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKODSOBJ - Completed @ time &1**
This rule checks if the CHKODSOBJ command has completed at time &1.

CHKODSOBJ displays ODS/400 transactions that are in *ERROR or PROCESSING status. The transactions are located by searching the ODS/400 transaction file ODOTRNP for records with either status.

Message MTS0096 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKOMSOBJ - Starting @ time &1**
This rule checks if the CHKOMSOBJ command has been started at time &1.

CHKOMSOBJ displays OMS/400 objects in *INACT status for QSYS and IFS file systems in the OMS/400 Object Status screen displays for the user.

Message MTS0097 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKOMSOBJ - Completed @ time &1**
This rule checks if the CHKOMSOBJ command has completed at time &1.

CHKOMSOBJ displays OMS/400 objects in *INACT status for QSYS and IFS file systems in the OMS/400 Object Status screen displays for the user.

Message MTS0098 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SNDJRNU70 - Starting @ time &1**
This rule checks if the SNDJRNU70 command has been started at time &1.

SNDJRNU70 sends a U70 journal entry to the local journal associated with the link ID. The U70 is used to mark all the router and apply jobs current if no applications transactions are deposited into the journal.
Message MTS0099 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: SNDJRNU70 - Completed @ time &1**
This rule checks if the SNDJRNU70 command has completed at time &1.

SNDJRNU70 sends a U70 journal entry to the local journal associated with the link ID. The U70 is used to mark all the router and apply jobs current if no applications transactions are deposited into the journal.

Message MTS0100 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKJRNSEQ - Starting @ time &1**
This rule checks if the CHKJRNSEQ command has been started at time &1.

CHKJRNSEQ retrieves the journal sequence numbers for all jobs configured to an OMS/400 link ID and, if any of the jobs do not equal the local journal sequence number, the OMS/400 System Activity screen displays.

Message MTS0101 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: CHKJRNSEQ - Completed @ time &1**
This rule checks if the CHKJRNSEQ command has completed at time &1.

CHKJRNSEQ retrieves the journal sequence numbers for all jobs configured to an OMS/400 link ID and, if any of the jobs do not equal the local journal sequence number, the OMS/400 System Activity screen displays.

Message MTS0102 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm STRVSISWAP job queue &1/&2**
This rule checks if the process of submitting STRVSISWAP to job queue &1/&2 has been started.

Message MTS0103 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Checking &1 communication with remote system**
This rule checks if the process of checking &1 communication with the remote system has been started.

Message MTS0105 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: There are no *INACT &1 objects
This rule checks if the process of checking &1 communication with the remote system has been started.

Message MTS0106 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Calling exit program &1/&2
This rule checks if the process of calling exit program &1/&2 has been started.

Message MTS0107 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Check batch jobs in OMS400 subsystem
This rule checks if the process of checking the batch jobs in the OMS400 subsystem has been started.

Message MTS0108 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Sbm to remote requested. Checking communication
This rule checks if the process of submitting to remote has been requested and checking communication has been started.

Message MTS0109 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Incomplete ODS trans found. Determine cause
This rule checks if any incomplete ODS transactions are found.

Message MTS0110 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: User req cont ODSCHGROLE after incomp tran
This rule checks for a user request to continue with ODSCHGROLE after incomplete transactions were found.

Message MTS0111 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
**VISION: Check batch jobs in ODS400 subsystem**
This rule checks if there any batch jobs in the ODS400 subsystem.
Message MTS0112 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Comparing the tot nbr mirrored IFS ID &1**
This rule checks the comparison of the total number of mirrored IFS for link ID &1.
Message MTS0113 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: The nbr of mirrored IFS <> for link ID &1**
This rule checks if the number of mirrored IFS DO NOT EQUAL for link ID &1.
Message MTS0114 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Review splf QSYSPRT for OMS Mirrored IFS**
This rule checks if the process of reviewing the spooled file QSYSPRT for OMS Mirrored IFS has been started.
Message MTS0115 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: The nbr of mirrored IFS = link ID &1**
This rule checks if the number of mirrored IFS EQUAL for link ID &1.
Message MTS0116 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Error sbm the Role Swap User Exit job**
This rule checks if there is an error submitting the Role Swap User Exit Job.
Message MTS0117 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Check the status of the sync chk error job**
This rule checks if the process of checking the status of the sync check error job(s) has been started.
Message MTS0118 is generated and sent to message file MTTMSG, in library VSIARS.
An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Waiting for sync check error job(s) to end**
This rule checks if the system is waiting for the sync check error job(s) to end.

Message MTS0119 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Act recs OMS400SYS/MRSERRP. Chk obj locks**
This rule checks if any active records are found in OMS400SYS/MRSERRP and that object locks have been checked.

Message MTS0120 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Prt Sync Chk Err rpt splf MRP261 OMS400 queue**
This rule checks the Print Sync Check Error report and that the spooled file MRP261 in the OMS400 output queue has been viewed.

Message MTS0121 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: ID &1 not *JRN lnk chk conf LSTMQMGRP**
This rule checks that Link ID &1 is not a *JRN link and that configuration file LSTMQMGRP has been checked.

Message MTS0122 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: &1 invalid link ID for MQ Queue Manager**
This rule checks if Link ID &1 is an invalid link ID for MQ Queue Manager &2.

Message MTS0123 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: There is an inactive MQ Queue Manager**
This rule checks if there is an inactive MQ Queue Manager which indicates that no network connection exists between the application server and the queue manager.

Message MTS0124 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: Invalid link ID cfg for a MQ Queue Manager
This rule checks if there is an invalid link ID configured for the MQ Queue Manager.

Message MTS0125 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: PLM cfg Inklib/MRLMONP & MREXCLLP copied
This rule checks if the PLM configuration files linklibrary/MRLMONP and MREXCLLP have been copied to the remote system.

Message MTS0126 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: ODS cfg ODS400/ODOBJSP, ODPTIMP, ODPMST copied
This rule checks if the ODS configuration files ODS400/ODOBJSP, ODPTIMP and ODPMST have been copied to the remote system.

Message MTS0127 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Ending TCP/IP interfaces for &1 system
This rule checks if the process of ending the TCP/IP interfaces for the &1 system has been started.

Message MTS0128 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Ending line descriptions for &1 system
This rule checks if the process of ending line descriptions for the &1 system has been started.

Message MTS0129 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Ending ctrl descriptions for &1 system
This rule checks if the process of ending controller descriptions for the &1 system has been started.

Message MTS0130 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
**VISION: Starting TCP/IP interfaces for &1 system**
This rule checks if the process of starting the TCP/IP interfaces for the &1 system have been started.

Message MTS0131 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Starting line descriptions for &1 system**
This rule checks if the process of starting the line descriptions for the &1 system has been started.

Message MTS0132 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Starting ctrl descriptions for &1 system**
This rule checks if the process of starting the controller descriptions for the &1 system has been started.

Message MTS0133 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm jrn verify process for link ID &1**
This rule checks if the process of submitting the journal verification process for link ID &1 system has been started.

Message MTS0134 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm &1 to job queue &2/&3**
This rule checks if the process of submitting &1 to job queue &2/&3 has been started.

Message MTS0135 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Chk batch job using WRKACTJOB**
This rule checks to ensure the checking of the batch job using WRKACTJOB has been started.

Message MTS0136 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: Starting TCP/IP servers for &1 system
This rule checks to ensure the process of starting the TCP/IP servers for the &1 system has been started.

Message MTS0137 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Starting Host servers for the &1 system
This rule checks to ensure the process of starting the Host servers for the &1 system has been started.

Message MTS0138 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Ending TCP/IP servers for &1 system
This rule checks to ensure the process of ending the TCP/IP servers for the &1 system has been started.

Message MTS0139 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Ending Host servers for &1 system
This rule checks to ensure the process of ending the TCP/IP servers for the &1 system has been started.

Message MTS0140 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Error executing usr cmd seq nbr &1
This rule checks if there is an error executing user command for sequence number &1.

Message MTS0141 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Creating a list of all &1
This rule checks if there is an error executing user command for sequence number &1.

Message MTS0142 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
**VISION: Processing. Standby...**
Message MTS0143 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Unable start jrn for file &1 in lib &2**
This rule checks if the system is unable to start journaling for file &1 in library &2.
Message MTS0144 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Unable end jrn for file &1 in lib &2**
This rule checks if the system is unable to end journaling for file &1 in library &2.
Message MTS0145 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Retrieving list of jrn obj for jrn &1**
This rule checks if the process of retrieving a list of journaled objects for journal &1/&2 has been undertaken.
Message MTS0146 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Sbm job TGTBKUP to local system**
This rule checks if the process of submitting job TGTBCKUP to the local system has been undertaken.
Message MTS0147 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Error ending TCP/IP interface &1**
This rule checks if there is an error ending the TCP/IP interface &1.
Message MTS0148 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Error changing TCP/IP interface &1**
This rule checks if there is an error changing the TCP/IP interface &1.
Message MTS0149 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
VISION: Error varying off line description &1
This rule checks if there is an error varying off line description &1.
Message MTS0150 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Error varying off ctrl description &1
This rule checks if there is an error varying off controller description &1.
Message MTS0151 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Error ending subsystem &1
This rule checks if there is an error ending subsystem &1.
Message MTS0152 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Submitting job SAVSYSATR
This rule checks if the process of submitting job SAVSYSATR has been undertaken.
Message MTS0153 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Error starting TCP/IP interface &1
This rule checks if there is an error starting TCP/IP interface &1.
Message MTS0154 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Error varying on line description &1
This rule checks if there is an error varying on line description &1.
Message MTS0155 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

VISION: Error varying on ctrl description &1
This rule checks if there is an error varying on controller description &1.
Message MTS0156 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.
**VISION: Error starting subsystem &1**
This rule checks if there is an error starting subsystem &1.
Message MTS0157 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Ending subsystems for the &1 system**
This rule checks if the process of ending subsystems for the &1 system has been undertaken.
Message MTS0158 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: Starting subsystems for the &1 system**
This rule checks if the process of starting subsystems for the &1 system has been undertaken.
Message MTS0159 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

**VISION: &1**
This is a generic ‘catch-all’ rule that can be adapted to your own requirements.
Message MTS9898 is generated and sent to message file MTTMSG, in library VSIARS. An alert is raised if the message is received at any time during a constant 24/7 monitoring period.

### Performance Group Rules

Vision Replication Performance Group monitoring templates can be found in the OMS/ODS Performance Monitoring Rule Group.

**OMS_ODS OMS/ODS Performance Reporting**
This Rule Group contains four OMS/ODS Performance rules.

**Check OMS400 subsystem is active**
This rule, which runs 24/7 raises an alert should the OMS400 subsystem be found to be in a status of *INACTIVE.*

**Check ODS400 subsystem is active**
This rule, which runs 24/7 raises an alert should the ODS400 subsystem be found to be in a status of *INACTIVE.*
Check ODS400 specific job(s) are active
This rule, which runs 24/7 raises an alert should any of the following jobs be found in any status other then *ACTIVE.

- INT_ODSOMS
- ODS_EXCEPT
- ODS_FILTER
- ODS_SEND01
- QAUDJRN

If any of the above jobs are found to be in a status other then *ACTIVE, an alert is raised.

Check OMS400 specific job(s) are active
This rule, which runs 24/7 raises an alert should the following job be found in any status other then *ACTIVE.

- OMSJRNMGR

If any the above job are found to be in a status other then *ACTIVE, an alert is raised.
APPENDIX: TEMPLATE ASSIGNMENTS

Sample forms for customizing your own environment. Print and complete as required.
Overview

The following forms are provided for your use to assist you in your application and configuration of the Halcyon IBM Service Monitoring Templates within your organization. You can print these forms for manual completion which you can then use when applying the template rules within your own organization.

Each example Rule Group is listed, together with the individual rules contained within. You can determine whether or not you wish to activate the rule, which values you wish to apply and any comments that you wish to make (such as specific inclusions or omissions for example).

A sample form is shown overleaf.
Sample Form

Rule Type: MESSAGE QUEUE  
Rule Group: QHST System History Log

<table>
<thead>
<tr>
<th>Rule #</th>
<th>Description</th>
<th>Activate?</th>
<th>Values</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>900</td>
<td>Backup Objects NOT saved</td>
<td>Yes</td>
<td></td>
<td>Omit job BKUP999</td>
</tr>
<tr>
<td>910</td>
<td>Password invalid for QSECOFR</td>
<td>Yes</td>
<td></td>
<td>Omit for workstation ITDEPT*</td>
</tr>
<tr>
<td>920</td>
<td>Job Ended Abnormally</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>980</td>
<td>Check Run job completed</td>
<td>Yes</td>
<td>CHECKRUN</td>
<td>Action: Run HJS job CHECKPRT</td>
</tr>
</tbody>
</table>

*Text in blue indicates where the user has completed the form ready for input.
Overview

The following chapter covers example Message Queue template rules supplied with the Vision Replication Monitoring Template. The following example templates are available:

- QSYSOPR - QSYSOPR Message Queue
## QSYSOPR - QSYSOPR Message Queue

<table>
<thead>
<tr>
<th>Rule #</th>
<th>Description</th>
<th>Activate?</th>
<th>Values</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>VISION: BLDOMSTRG completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>VISION: Journal numbers current for all link</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>VISION: CHKLNKDFN completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>VISION: No *ERROR transactions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>VISION: No *SEND, *WAITING or *PENDING transactions in ODS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>VISION: No *OMS Objects</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------</td>
<td>-----------</td>
<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>70</td>
<td>VISION: CHKOPNCMT completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>VISION: CHKSYSBCM completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>VISION: CHKVSISWAP completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>VISION: ENDS3 completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>VISION: ODS updated to system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>VISION: ODS sync check jobs submitted ODS400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------</td>
<td>-----------</td>
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<td>---------------------------</td>
</tr>
<tr>
<td>130</td>
<td>VISION: OMS sync check jobs submitted OMS400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>VISION: SBMPLM completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>VISION: SBMSYNCHK completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>VISION: SNDJRMU70 completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>VISION: SNDODSCFG completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>VISION: SNDPLMCFG completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Message Queue Example Rules

<table>
<thead>
<tr>
<th>Rule #</th>
<th>Description</th>
<th>Activate?</th>
<th>Values</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>190</td>
<td>VISION: STRMQRCDI completed normally</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>VISION: STRVSICCHK completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>210</td>
<td>VISION: STRVSISWAP completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>VISION: SWAPMQ completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>VISION: Time elapsed for RCVMSG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>VISION: ODSCHGROLE completed on remote system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------------</td>
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<td>----------</td>
</tr>
<tr>
<td>250</td>
<td>VISION: OMSCHGROLE job submitted to jobq</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>260</td>
<td>VISION: VFYJRNSTS completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>270</td>
<td>VISION: TGBKUP completed on source system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>280</td>
<td>VISION: ENDUSRAPP completed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>290</td>
<td>VISION: STRUSRAPP completed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>VISION: ODSCHGROLE job submitted to jobq</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
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<td>-------</td>
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</tr>
<tr>
<td>310</td>
<td>VISION: User requested end of ODSCHGROLE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>320</td>
<td>VISION: Data area USRAPPSTS changed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>330</td>
<td>VISION: Data area changed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>340</td>
<td>VISION: CHKIFSDFN completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>350</td>
<td>VISION: CHKOMSOBJ completed normally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>360</td>
<td>VISION: ODS local system has been changed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------------------</td>
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<td>----------</td>
</tr>
<tr>
<td>370</td>
<td>VISION: VSI Tools configured to library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>380</td>
<td>VISION: The ODS role swap capable flag is set</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>390</td>
<td>VISION: CFGPFMM completed for action</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400</td>
<td>VISION: Journaled object count</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>410</td>
<td>VISION: Review QSYS_PRT for objects not mirror</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>420</td>
<td>VISION: Job OMSBLDCSTX submitted to OMS400</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Message Queue Example Rules

<table>
<thead>
<tr>
<th>Rule #</th>
<th>Description</th>
<th>Activate?</th>
<th>Values</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>430</td>
<td>VISION: Job OMSJRNMTNX submitted to OMS400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>440</td>
<td>Generic MTC9898 Message</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>450</td>
<td>VISION: Error calling remote command</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>460</td>
<td>VISION: *NOTCFG is set for current environment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>470</td>
<td>VISION: Invalid environment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>480</td>
<td>VISION: Invalid Link ID</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
<td>-----------</td>
<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>490</td>
<td>VISION: Link ID roles are *INCONSISTENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>VISION: Only allowed on the source system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>510</td>
<td>VISION: Comms link attributes are *INCONSISTENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>520</td>
<td>VISION: Unable to communicate with remote system</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>530</td>
<td>VISION: Remote program error</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>540</td>
<td>VISION: ENDS3 ended abnormally</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Message Queue Example Rules

<table>
<thead>
<tr>
<th>Rule #</th>
<th>Description</th>
<th>Activate?</th>
<th>Values</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>550</td>
<td>VISION: ENDUSRJOB ended abnormally</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>560</td>
<td>VISION: Error retrieving data area QGPL/VSILIB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>570</td>
<td>VISION: Error retrieving data area QGPL/ODS400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>580</td>
<td>VISION: Error retrieving data area *LIB/ARSLIB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>590</td>
<td>VISION: Error changing library list</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>600</td>
<td>VISION: Level check for display file</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
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<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>610</td>
<td>VISION: Error with SNDLNKDFN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>620</td>
<td>VISION: OMS and ODS roles are *INCONSISTENT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>630</td>
<td>VISION: Program error. Review job log</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>640</td>
<td>VISION: Invalid Password</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>650</td>
<td>VISION: ODS is NOT role swap compatible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>660</td>
<td>VISION: ODS configuration must have ODS400 MSGQ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rule #</td>
<td>Description</td>
<td>Activate?</td>
<td>Values</td>
<td>Comments</td>
</tr>
<tr>
<td>--------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----------</td>
<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>670</td>
<td>VISION: Unable to clear message queue</td>
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### Message Queue Example Rules

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## Message Queue Example Rules

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## Message Queue Example Rules

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## Message Queue Example Rules

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<td>VISION: Ending line descriptions for &amp;1 system</td>
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