

3M Digital Signage Network Operations Manager



What is it?

3M™ Network Operations Manager (NOM) is a web-enabled software service that allows secure, remote monitoring, management and maintenance of your entire digital signage network and computing infrastructure.

Network Operations Manager is comprised of two basic components:

- **NOM Application Agent**
- **NOM Web Portal**

The NOM Agent installs on each player PC and/or network server to collect and report on status, and execute remote command and control. Non-PC devices such as routers, firewalls, and printers are monitored using SNMP.

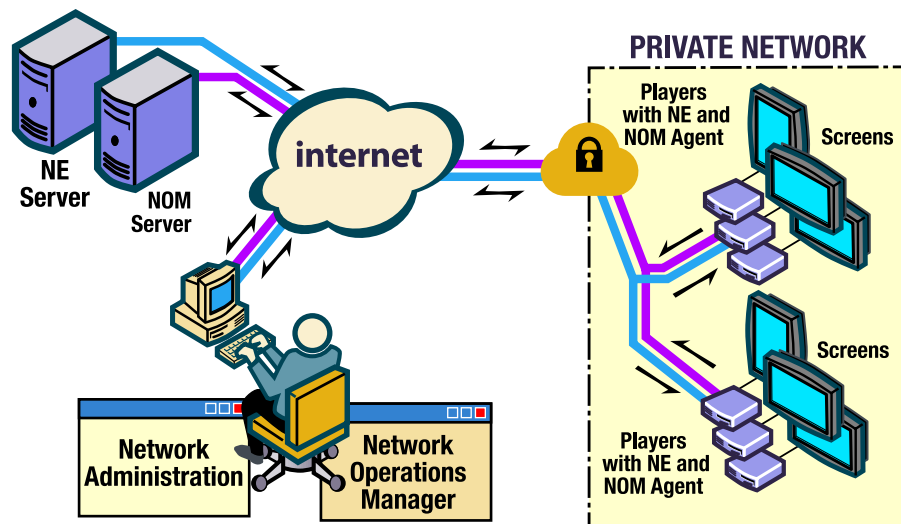
The NOM Web Portal is the interface and control panel for all network devices and is accessible via any internet-enabled computer.

How does it work?

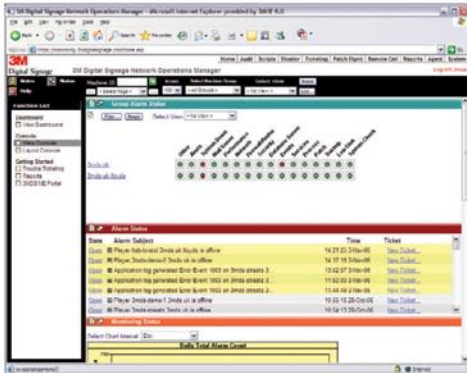
NOM Agents are remotely installed and configured by 3M as part of your NOM subscription. The Agent monitors all hardware, software and activity on the player PC, not just those associated with your digital signage. The agent reports to, and gets instructions from, the 3M NOM server.

Like 3MDS Network Edition Software, the Agent uses an outbound only Port 80 (http), allowing it to operate securely through firewalls and the internet. For additional security, the Agent encrypts all messages and invokes SSL for remote control sessions.

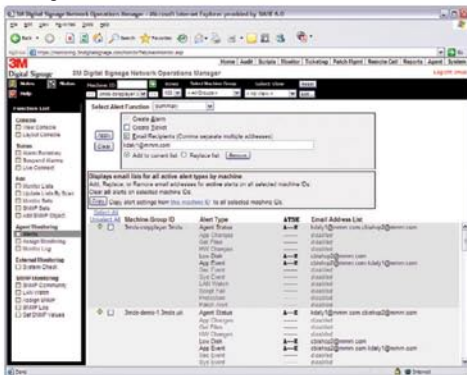
The Web Portal can be configured to use Port 80 (http) or 443 (https).



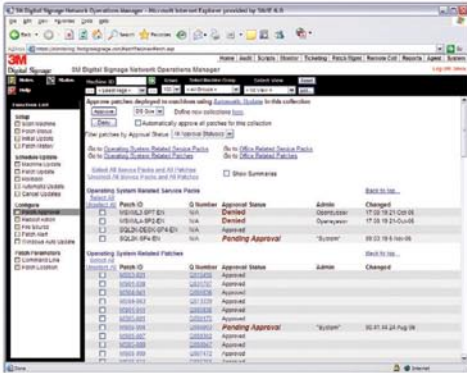
See network status and alarms at a glance



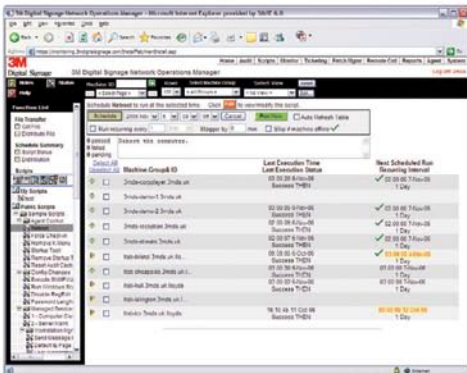
Configure email alerts for different alarms



Approve and configure automated software and patch deployments



Schedule customizable scripts to run, including machine reboot



What can it do?

3M Network Operations Manager gives direct access to advanced features that include:

REMOTE CONTROL

- Desktop control of remote PCs and displays
- Video streaming of live playback
- Remote file transfers (e.g., log files)

AUDITING & INVENTORY

- Baseline hardware and software inventory
- File access protection
- Network access protection
- Application blocker

ALERTS & MESSAGING

- Monitor changes in software or hardware
- Notification of application status
- Configurable alerts

PATCH MANAGEMENT

- Initial and automatic updates and patches
- Deployment scheduling and configuration
- Approvals and rollback

SCRIPTS

- Public script library, including machine reboot
- Screen and device control, retrieving log files, etc.
- Schedulable script execution on each machine
- Ability to create custom scripts
- Scripted virus updates

TROUBLE TICKETING

- Configurable notification, access, due date
- Ticket tracking through close

CUSTOMIZABLE REPORTS

- Executive summary
- Machine, patch, hardware or software inventory
- Disk utilization, network statistics, uptime history
- Logs, ticketing, monitors

MULTI-USER ACCESS

- Configurable users and roles



Digital Signage

For more information, contact your authorized reseller or your local 3M Digital Signage office.

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