**Automated execution of pre-defined tasks and job flows**

Flexible yet effective operational setup not limited to any system setup or operational requirements.

**Flexible scheduling capabilities accommodating any organizational requirements**

Define a calendar with operational scheduling (such as system on/off days) fully reflected. Combine the calendar with the job scheduling to meet complex operational requirements.

- **Calendar**: Define operational days of the overall system
- **Schedule**: Define job execution days and times (e.g., if the 3rd Monday of the month is a holiday, shift such Monday’s tasks to become active the following day for such month.)

**Automate complex tasks eliminating any rooms for human errors.**

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**Product Lineup**

<table>
<thead>
<tr>
<th>Product Line</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MasterScope JobCenter MG</td>
<td>Management tools to manage job flows, schedules and control job executions</td>
</tr>
<tr>
<td>MasterScope JobCenter SV</td>
<td>Submission of job flows completed by JobCenter MG</td>
</tr>
<tr>
<td>MasterScope JobCenter CL/Win Viewer</td>
<td>GUI interface for job flow definition and editing</td>
</tr>
<tr>
<td>MasterScope JobCenter CIC Option Clustering</td>
<td>Operational continuity in case of system failures for both JobCenter MG and JobCenter SV</td>
</tr>
<tr>
<td>MasterScope JobCenter for ERP Option ERPS</td>
<td>Submits jobs to SAP ERP system</td>
</tr>
<tr>
<td>MasterScope JobCenter for BI Option SAP BI Linkage Option</td>
<td>Submits jobs to SAP BI system</td>
</tr>
<tr>
<td>MasterScope JobCenter for WebOTX BS Option WebOTX Batch Server Linkage Option</td>
<td>Submits and monitors Java batch jobs on the batch server in conjunction with WebOTX Batch Server</td>
</tr>
<tr>
<td>MasterScope JobCenter CL/Web CL/WEB Option</td>
<td>Web browser-based control screen to monitor job execution status and control job re-executions</td>
</tr>
</tbody>
</table>

**System Requirements**

<table>
<thead>
<tr>
<th>Platforms</th>
<th>Manager</th>
<th>Server</th>
<th>Viewer</th>
<th>CIC Option</th>
<th>ERP Option</th>
<th>BI Option</th>
<th>WOBIS Option</th>
<th>CL/WEB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows Server 2012/2008 R2</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Windows Server 2012/2008 R2</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Windows 10/8.1/7</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 7/6</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>SUSE Linux Enterprise Server 12/11/SP3</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>HP-UX 11i v3/v4</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
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<tr>
<td>AIX 7.1/6.5/3</td>
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</tr>
<tr>
<td>Windows Storage Server 2012/2008 R2</td>
<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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</tr>
</tbody>
</table>

For further information, please visit: [www.nec.com/masterscope/jobcenter](http://www.nec.com/masterscope/jobcenter)

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Automating systematic tasks providing a smooth, hassle free day to day business operations

Business operations are vulnerable under manual inputs often resulting in unexpected issues to occur. Also increase in workloads eminent on IT administrators as system expansions are unavoidable as business grows. MasterScope JobCenter can resolve such issues by reducing both cost and resource requirements by automating systematic tasks providing a safe yet reliable infrastructure.

Key Benefits

<table>
<thead>
<tr>
<th>Operational Cost Reduction</th>
<th>Preventing Human Errors</th>
<th>High Reliability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible task automation depending on the operational setup and requirements of the customers.</td>
<td>Intuitive controls and preset command objects allow a complex automation configurations to be created at ease preventing unwanted setup and execution errors.</td>
<td>Solid track record from the numerous mission critical system installments in the past guarantees a high reliability performance within a distributed setup environment.</td>
</tr>
</tbody>
</table>

Operation Overview

Depending on the operational task involved, IT administrators can adjust and set required job flows with a fixed schedule allowing integrated monitoring at all times.

Job Flow Example

- Request Store Sales Data
- Receive Store Sales Data
- Combine Sales Data
- Create Sales Report

Job Flow Defining

- Schedule Driven
- Automated Task Execution

Simple Task Defining

- Job Flow Example (e.g. Combining Sales Info)

Automated Task Execution

- Start
- JOB
- JOB
- JOB
- JOB
- JOB
- JOB
- JOB
- JOB
- End

Conditional branching according to execution results.

Example of Database Backup

- Conditional branching according to the calendar.

Waiting for confirmation by an operator.

Key Features

- Simple Workflow Defining
- Define complex tasks and job flows easily with intuitive controls and prefixed control components
- Reduce overall production costs by minimizing preparation and increasing productivity with simpler workflow for the operators.
- Operational Cost Reduction
- Intuitive controls and preset command objects allow a complex automation configurations to be created at ease preventing unwanted setup and execution errors.
- Color Coded Job Status Enabling Glance Monitoring
- Solid track record from the numerous mission critical system installments in the past guarantees a high reliability performance within a distributed setup environment.

Centralized Task Management

- View job flows and it’s progress in a list or drill down to check flow status and detailed logs when necessary.

Gantt Chart Job Status Monitoring

- Allows administrators to compare the latest job progress to a pre-calculated estimated time based on past executions results. In an event of any delays being detected, alert pop ups and task cancellation can be set to prevent issues from growing any further.

Execution Progress Tracker

- Centralized monitoring lets you know job status at a glance, so you can discover and resolve errors right when they occur.