

Workflow Based IT Automation Solution





MDRM Mantech Dynamic Robotic Manager

MDRM is the IT Automation Solution which can be applied in various system environments to help our client efficiently manage their daily operation and quickly recover from any system failure.

Datacenter can be efficiently managed and operated with the help of MDRM features like **Workflow based business process management**, **operational procedures verification**, **system monitoring**, and **visualized system recovery procedure**.

MDRM will help to clarify numerous complex tasks managing with the systematic system management and to minimize resource and operating cost with repetitive tasks.





Main Features

Workflow Creation

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- Create a standard workflow template with the provided components or with client's custom scripts.
- Run the workflow one at a time, or multiple at once.

Workflow Execution



- Catch and response any failure with the visualized workflow execution steps
- Categorize or prioritize the workflow as a disaster recovery plan, simulation training plan, or etc.
- Run any workflow steps as the need.

SLA Compliance

MDRM		<u>비크플로우</u> 정검작업 알				
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- Monitor RTO/RPO and the compliance level of each task or application.
- Discover the resource that violates SLA with the intuitive graphs.

Initial Program Load (IPL)



- Manage scheduled workflow tasks with the GUI.
- Create a schedule to run daily, weekly, or monthly.

Intuitive System Monitoring

MDRM	대시보드 <u>시스템</u> 위크플로우 점검작업 알림 자료관리 실정
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- Integrated management or resource monitoring on the server, storage, or network for both production and the stand by system.
- Easily monitor and set the critical value of the system with a help of various monitoring plugins.

Multiple Alert System



- Receive the system failure alert or the workflow/routine check result.
- Receive the alert via Email, SMS, or the popup message window.

Manage Daily Routine Check Schedule

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- Select a system or a module to create a schedule.
- Run the task by schedule or manually.

Daily Routine Check Report

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• Receive a details task result report by servers and categories.

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• Save and download the workflow procedures or the task results as a spreadsheet file.

Document Management

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 Manage various workflow procedures, business manuals or other documents to be referenced dayto-day operations or when an excepted event occurs.

Report

Dashboard Customization

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• Users can build their own dashboard with 30 or more provided widgets.

Individual & Situation Specific Dashboard

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• Provides multiple dashboards based on individual accounts and circumstances (Resource Monitoring, Simulation Training, IPL and Daily Routine Checks)



Mobile UI Support

• Mobile platform allows user to monitor and control the workflow or scheduled tasks.

Advanced Security

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에신저로 인증번호가 전송되었습니다. 인증번호를 입력해 주세요.	최초 로그인시 비밀번호를 변경해주세요. 비밀번호 변경 후 서비스 이용이 가능합니다.
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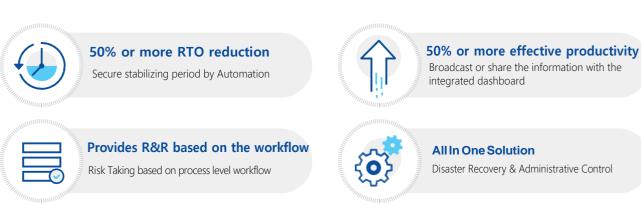
- Two-factor authentication via Email or SMS
- Induce user to reset the password upon first login
- Periodic (90 days) Password Reset Alert

It's amazing what automation makes possible.

Operation

- Task or Worksite Automation
- Daily Routine Check Automation
- Various Component Template
 Provided
- User Permission Management
- RTO / PRO Management
- User-oriented GUI & Mobile platform provided

Expected Outcome



Supported Environment

Operating System	Storage	Cloud / Virtualization	Database	Web Application	ETC
· Windows 2008	· SAN	· Vmware vSphere	· Oracle DB	·Weblogic	· NFS
· Windows 2012	· iSCSI	· MS Hyper-V	· Oracle RAC	· Websphere	· CIFS
· RHEL	· DAS	· RHV	· Oracle ADG	· Jeus	· Sendmail
· CentOS	· NAS	· Citrix Hypervisor	· MS-SQL	· JBoss EAP	· Samba
· Asianux	· PCle typeNAND	· Oracle VM	· DB2	· JBoss EWS	· Shareplex
· Oracle Linux	· EMC	· Amazon AWS	· SAP NetWeaver	· Tomcat	· OGG
· IBM PowerLinux	· Hitachi		· SAP Hana	· Apache	· DataGuard
· IBM AIX	· IBM		· MySQL	IIS	· User application
· HP-UX	· HP		MariaDB	· Nginx	
· Oracle Solaris	· NetApp		· PostgreSQL	· WebtoB	
· SUSE			· Tibero		
· Ubuntu			· Cubrid		
			· MongoDB		
			· Sybase		
			· Informix		



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Management

- Integrated multi-dashboard
 agreement
- User built dashboard with diverse selection
- Visualized Recovery Procedure
- System Status Monitoring
- Reports & Alerts System