Application Engineer's Course Knowledge Manager v4.1



Security

an ABB Industrial ^{IT ™} solution for Production Plant Management





Contents List

- Security Key Facts
- MTS Roles
- Definitions
- Setting Security
- Ownership
- Setting Ownership
- What to Set Where
- Tips



Security - Key Facts

- Security checking is based on MTS Roles, which are mapped to NT user groups
- Users may belong to more than one NT user group
- Security levels are available for read, write and modify actions
- Security definitions can be set for folders and single items (signals, logs, ...)
- Security settings are for Personal Assistant only. KBDT users always have full access



Ν	0	t	e

Notes:	

MTS Roles

Following MTS Roles are predefined and must be mapped to NT users groups

- ABBKM_ProductionMgr
- ABBKM_QualityManager
- ABBKM_EnvironmentMgr
- ABBKM_Manager1
- ABBKM_Manager2
- ABBKM_Manager3
- ABBKM_Manager4
- ABBKM_Operator1
- ABBKM_Operator2
- ABBKM_Operator3
- ABBKM_Operator4
- ABBKM_Operator5
- ABBKM_LabOperator1
- ABBKM_LabOperator2
- ABBKM_LabOperator3
- ABBKM_LabOperator4
- ABBKM_LabOperator5
- ABBKM_SystemAdmin



Notes:

4

© ABB Switzerland Ltd

Definitions



- There are three security levels
 - MTS Role Read read only
- MTS Role Write manual entries can be made



Setting Security

- Security is set on folder or item properties
 - Go to properties
 - Click on the Security tab
 - Click on the <u>Modify</u> button
 - Set the security permissions
 - Click on Apply

MTS Role Read:	<empty></empty>	ſ
MTS Role Write:		
MTS Role Modify:	ABBKM_Manager1	



Ownership

- Folder ownership controls whether Personal Assistant users are able to build their own reports and manage their own data
- Report Folder owners can build:
 - Operation Reports
 - Basic Trends
 - URL Reports
- Log Folder owners can build:
 - CLC Logs
- Only the owner of a folder can see the folder and its contents. KMDT users can see all folders and all contents at all times, regardless of who owns them.
- Ownership must be specified by the users logon name and any required path.



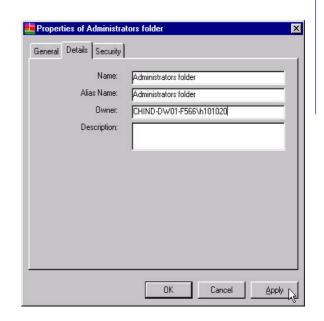
Notes:

- -

O ABB Switzerland Ltd

Setting Ownership

- Ownership is set on folders below the Reports or Logs Root folders
 - Go to the folder in the Tree View
 - Right-click on the folder
 - Click on Properties
 - Click on the Details tab
 - Click on the <u>Modify</u> button
 - Click in the Owner field
 - Type in the path followed by the login name of the user
 - e.g. CHIND-DW01-F566\h101020
 - Click on <u>Apply</u>





Notes:

° ' Î.

What to Set Where



Where to set permissions

Action	Location in Personal Assistant	Permission in KMDT
Enable or Disable an Auto Print Definition	Auto Print Status Report	MODIFY access on the Report
Create a CLC Log	Trends or Operation Reports	OWNER of a Log folder
Create new Trend, Operation Report or URL Report	Tree View	OWNER of a Reports folder
Add or Remove a Global Filter	Headers in various reports	MODIFY access on the Report
Entering Manual Entry Data	Periodical and Signal on Event	WRITE access on Signals or their folders
Entering Manual Entry Data	Plant Constants	WRITE access on Logs or their folders
Assigning or Split Stop Causes	Stop Log	WRITE access on RHR or LMC Logs or their folders
Edit, Delete or Add Stop Causes	Stop Log	MODIFY access on RHR or LMC Logs or their folders
Commenting Data	Daily / Weekly, Log Sheets, Operation, Production, Production Balancing & Silo Reports	WRITE access on Logs or their folders
Modifying Existing Data	Daily / Weekly, Log Sheets, Operation, Production, Production Balancing & Silo Reports	MODIFY access on Logs or their folders
Reset Maintenance Counters	Maintenance Forecast Report	WRITE access on the Report
Reset Events / Alarm	Event / Alarm Statistics Report	WRITE access on the Report



Tips

- Security settings are used for reports, signals and logs
 - Create a tree structure matching plant sectioning AND security level/user requirements
 - To reduce security management complexity, set security at folder level instead of on single items
 - Try to set security access rights on report folders only
 - Use signal / log folder security for manual entry and data change restrictions
 - Use as few MTS Roles as possible. It's easy to add roles, but only up to and exclusively from the predefined roles





