



Installation and Updating TINE on Windows PCs

The MCS Approach

Tine User Meeting March 6. 2009

Rüdiger Schmitz MCS-1

[Design Decisions]

- Who may install / update
- Where to install / update
- From Where
- What to install / update
- When to update and who
- What to define and how
API and/or Environment
- .. more

[Nomenclature]

- TINE has a long history
- Naming is a must but a hell
- Examples in this talk by accident

[Install-Classes]

- Client PCs
 - running Client Process only
- Server-PCs
 - running Device-Servers on FEC(s)

[What to install]

- TINE Runtime
 - DLLs and OCXs for C, VB, Labview
- TINE DeviceSupport
 - CDI, TICOM
- TINE SystemApplications
 - JAR-Files part of JNLP for JAVA
- FEC-Processes
- Configuration Files (.csv, .xml)
- JAVA: (nearly) all includes in JAR-Files, no installation necessary

[Where]

- L: as subs for eg. c:\tine
 - advantage for local fileaccess
 - portable applications

[Repository]

- TINE runtime
- DeviceServer Configuration
- Policy:
 - local changes will be overwritten by next Update
 - permanent changes in repository
- Under control of Admins of PCs
- New Versions after Tests and in Maintenance periods only

[Who (privileges) When]

- Installation: admin
 - allows access for Update for all users
- Update : all users
- At LOGON
 - important: remote trigger available (remote restart)
 - in maintenance periods

[What and How (Example)]

- robocopy repository tine_home
 - N:\public\xApps\

Directories copied to local disk

bin

dll32

ocx32

vb.dll

database

eqp

hera

linac2

..

java

[What has not been said]

- Device-Server Process needs more resources than TINE ..
- Automatic Configuration Tool desirable
 - in case of replacement of faulty hardware
 - get rid of human mistakes when configuring more than one PC for similar purpose

[Let us Interact]

