

Being Able to Access IEDs Remotely

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SC B5 Discussion Group Meeting – 31/08/2012



(PS2/Q04: R. Hughes (Australia)

Protection & Automation

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SESSION

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Access any sub at "3am" in the morning



- which:
 - Substation?
 - vendor's IEDs are installed?
 - X system
 - Y system
 - Condition Monitoring
 - Condition Monitoring Server or HMI platform is used to control locally?
 - Vendor A, B … or Z HMI "standard"
 - Installed last year or 20 years ago
 - IED firmware versions are installed?
 - IED setting files versions are installed?
 - IED setting software operating platform is required?
 - DOS, Windows 3.1 / 3.11 / NT / XP / 7 ...(... Windows42)
 - IED setting software version is required?
 - Remotely operated isolation and test equipment?

All through common access point and procedure!



(PS2/Q04: R. Hughes (Australia)

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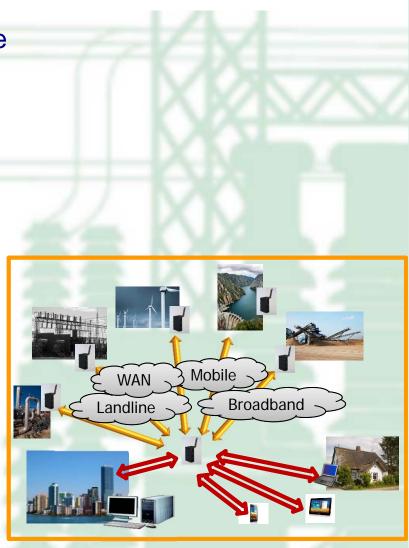
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Solutions need to provide

Ability to

- Access from any PC mobile device
 - Windows Remote Desktop
- Secure VPN and access control
- Connect to Central Unit
- Select site
- Remotely run software on local substation DCU
 - Virtual Machine for different platform requirements
 - Right software for right IEDs
- Access current site specific files on site server



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