



etap[®]

eProtect[™]

Enterprise Protection & Asset Management

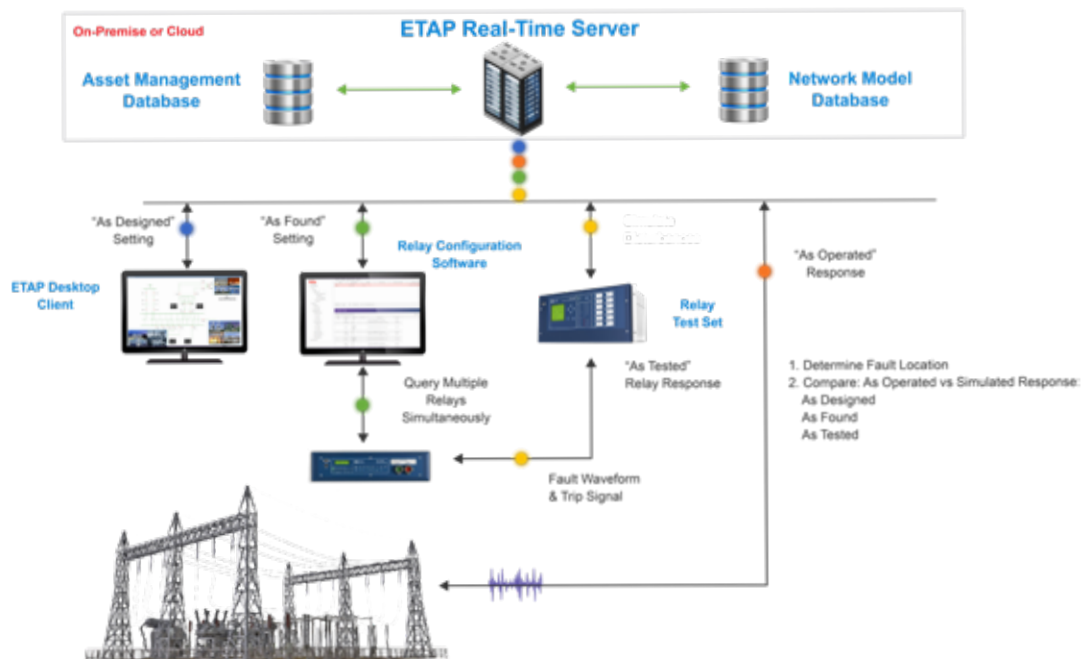
Reduce Risk Improve Accuracy Ensure Compliance



Centralized protection asset management solution integrated with ETAP Protection & Coordination software to manage location, information and settings throughout the lifecycle of protective relays and substation assets.

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| ✓ Increased data quality & access management | ✓ Multi-user environment for relay management |
| ✓ Automatic processing & setting file generation | ✓ Relay settings tracking dashboard & notification |
| ✓ Relay setting change management | ✓ Protection visualization & evaluation |
| ✓ Protection system maintenance plan | ✓ Health monitoring & maintenance |
| ✓ NERC compliance summary reporting | ✓ Integrated with Advanced Fault Analysis System |

eProtect Data Interface & Management



Data Exchange & Synchronization

- Automatically import the PD settings
- Download settings via FTP/SFTP/IEC 61850
- Upload settings to devices remotely
- Interface with vendor-provided software
- Import manually collected setting files
- Web interface accessible via mobile devices
- Data collection via etapAPP

Relay Settings Change Management

- Compare As-Found to As-Designed settings
- Auditing of studies & implementations
- Automatic notification of settings changes
- Make data commonly available from all sites to users
- Flexible and secured architecture