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Content

DNVGL

Functional Ethernet switches RSTP-PRP-HSR and PTP
- COM255 Functional IEC 61850 Switch Testing
- IEC 62439-3 PRP and HSR conformance testing
- Leaflet PTP functional testing for Ethernet switches
- PCTC002 Conformance test Register 62439-3

IEC 60870-5
- COM110E Conformance test Register 60870-5
- IEC 60870-5 Test Suite_pages_HR

IEC 61850 Services
- 61850 – Tools
  - DNV GL IEC 61850 Test Tool Family LR
  - DNV GL IEC 61850 UniGrid test tool
  - UniGrid SA Installer v1.4.431.115
  - UniGrid SA Release Notes Test Suite 61850 Edition 2 v1.0 TPCL 1.2.4 Server v1.0.82.195
  - UniGrid SA Release Notes Test Suite 61850 Edition 2 v1.0 TPCL 1.2.6 Server v1.0.4.199
  - UniGrid SA Release Notes v1.4.431
- Training:
  - DNV GL leaflet IEC 61850 training course for manufacturers
  - DNV GL leaflet IEC 61850 training course for utilities

COM118 Conformance test Register 61850.pdf
COM285 Automated IEC 61850 server regression testing.pdf

Doble

IEC61850 Protection Test Simulators
- F6_General_Technical_Specifications
- F6052_UniversalTimeSync
- F6150sv_PowerSystemSimulator
- F6150sv_TechSpec

IEC61850 Protection Test Software
- 61850TesT_Software
- Doble_ProtectionSoftware_Overview
- F6TesT_VisualProtectionTesting_Software
- ProtectionSuite_Software_overview

More Protection Test Equipment and Accessories

- o Accessories
    - AC_Current_Clamp
    - F5850_IntellirupterPulseCloser_dockingstation
    - F5851_RecloserInterfaceCables
    - F6051_IRIGB_GPS_converter
    - F6052_UniversalTimeSync
    - F6080_FieldCalibrator
    - Fseries_Accessories
- o Software
    - Enoserv_Powerbase
    - Enoserv_RTS_RelayTestSoftware
    - F6011_MobileControlPanelApp
    - PBLite_ProtectionDatabase
- o Test Sets and Amplifiers
    - F6150e_PowerSystemSimulator
    - F6150e_TechSpec
    - F6300e_Amplifier
    - F6350e_Amplifier
    - F-Series_Custom_Options

DOBLE-Company-catalog.pfd

KERI

KERI-all part brochure
KERI-testing brochure

OPAL-RT

OPAL-RT_IEC 61850-8-1
OPAL-RT_IEC61850-9-2LE
OPAL-RT_RT_Simulation_Solutions
OPAL-RT_RT18
OPAL-RT_Testing IEDs_and_IEC61850_Protocol_Implementation

Project Consultants (PCI)

AEP Projects

- o AEP T-Nexus
    - AEP - T-Nexus Case Study – Detailed
    - AEP Transmssion T Nexus Benefit Summary_White Paper_Final
    - pcllc - AEP NMM Integration - T-Nexus High Level
- o pcllc - AEPs CIM Based GridSmart Integration

ERCOT NMM Integration

- ERCOT's NMMS - Network Model Management in Action
- pcllc - ERCOTs NMMS Integration - High Level

Project Consultants Capabilities
- Introduction and Services Letter-Short
- pcllc - Project Consultants Integration Solutions
- pcllc - What do you want to do today
- pcllc-CIM-information-model-General-visio
- pcllc-information-model
- pcllc-We teach you to fish
- pcllc-What is information architecture
- Sparx VAR Entry Final 2018

RTDS

RTDS Simulator Applications
- Cyber Security
- Distribution Automation
- HVDC and FACTS
- IEC 61850
- Marine Systems
- Microgrids
- PHIL – 20180405
- PMU Studies
- Protection and Automation
- Traveling Wave Relay Testing
- Wide Area Measurement Protection and Control

Video's
- Closed-loop Protection System Testing with the RTDS Simulator_CLIPCHAMP_keep
- NovaCor_HD1080p
- TravelingWaveRelayTesting

NovaCor Brochure
RTDS Simulator Overview

Schneider Electric

Presentations
- Differences between 9-2 and 61869-9
- How to apply Process Bus in breaker and a half schemes
- IEC61850 fPN solution SE EN 1B

Digital Energy Solutions for Utility V2
Easergy MiCOM P40 PB Story _CIGRE
NPAG2016 D03 - IEC61850

Schweitzer Engineering Laboratories Inc.
2240_PF00274
2730M_PF00260
3025_PF00246
3620_PF00197
3622_PF00302
Axion PRC-002 Recording_PF00610
CybersecuritySolutions_PF00250
Digital Secondary Systems_PF00549
ES Automation_PF00552
ES Cybersecurity_PF00301
NamPower_v02_low res
PF00550_TiDL_20180326_A3_SingleSided
SDN 2740S_PF00333
T400L_PF00545

SISCO
CIM
- CIM Adapter for PI Summary-Generic
- MktLit_CIM Adapter_082014
- MktLit_CIM_082014
- MktLit_CIMatic-Designer_042015
- SISCO_CIM_Solutions_Overview
- SISCO-OSIsoft-CIM-Solution_PB-Sisco-lt-en

COMTRADE
- COMTRADE Utility for PI AF Generic for PDF.pdf
- IntroToCOMTRADEUtility
- MktLit_COMTRADE_082014
- PB-Sisco-COMTRADE-OSIsoft_final

ICCP-TASE.2
- MktLit_AX-S4 ICCP_082014
- MktLit_ICCP-Lite-PLUS
- SISCO_ICCP_Products

IEC 61850
- 61850 Panel-Mackiewicz-iPCGRID 2017 61850 Adoption in North America
- Mackiewicz-E2E_Security_for_RAS-i-PCGRID-2018
- MktLit_AX-S4 61850_01232018
- MktLit_GOOSE-Blaster_031618
- MktLit_MMS-Lite_01232018
- MktLit_R-GOOSEGW_012318
- SISCO_IEC61850_Products
- The Remedial Action Scheme (C-RAS) at SCE
- UAP-CRAS-Overview-SISCO-20180522
- Using IEC 61850 SCL to configure DNP Systems-DNP User Group

Product Evaluation Request Form

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Triangle Microworks

Triangle MicroWorks - 61850 Test Suite Pro
Triangle MicroWorks - IEC 61850 Libraries
Triangle MicroWorks - Product Overview