Distribution Network Automation Discussion Meeting



Overview

Join us on 18 August to explore global e-invoicing mandates, deploy agentic AI across your O2C function, and drive measurable improvements in DSO and working capital. Learn to build a future-ready compliance architecture and create a consumer-like experience for your B2B customers. The AutoCon 6 Call for Speakers is Now Open! We've been talking about Network Automation for a long time: 15 years or longer. Yet, it's just not taking off like we thought it would. NAF aims to answer the question: Why is this?

The Network Automation Forum (NAF) is exactly that, a forum for. To foster industry understanding of electric utility requirements for monitoring, management, and control of the electrical distribution system, establish a standard list of DMS terms, develop standards that define the major application functions, and prepare guidelines to assist electric utilities. Physical attacks, cyber-attacks or natural disasters are major notable form of threats to Smart Grid deployment which could lead to infrastructural failure, blackouts, energy theft, customer privacy breach, endangered safety of operating personnel, etc. Hence, the need to critically examine the. Distribution automation is the application of sensors, communication systems, and automated switching and control equipment to the electric power distribution network, enabling utilities to monitor system conditions, detect and locate faults, and reconfigure the network with reduced or no manual. Distribution automation (DA) is a family of technologies, including sensors, processors, information and communication networks, and switches, through which a utility can collect, automate, analyze, and optimize data to improve the operational efficiency of its distribution power system. The workshop also covers the development of custom test cases and introduces the INPG Stack.

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Article Content

IEEE Working Group on Distribution Automation

Focus on applications for monitoring and controlling the electric distribution system, emphasizing the perspective of control room and field operators and their engineering support

Distribution Automation

Distribution Automation (DA) operates on the distribution substation and utilizes an automated decision-making to provide more effective fault detection, isolation, and restoration.

Smart Grid/Distribution Automation Live Online Forum Oct 2025

Live Online Event Hosted By Electricity Today T&D Magazine. Smart grid has emerged as the major driving change agent in the North American power industry. It incorporates both

Distribution Automation

The distribution network, which carries medium-voltage power from substations to end customers, historically depended on field crews to identify fault locations and operate switches manually, a

Distribution Automation

Distribution automation (DA) is a family of technologies, including sensors, processors, information and communication networks, and switches, through which a utility can collect, automate, analyze, and

AutoCon 3 — Network Automation Forum

Description: This workshop provides a practical, step-by-step approach to automating network configuration using open-source tools. By the end, you''ll have a clear understanding of how to

Events and Conferences

ISA conferences and webinars cover a variety of topics in industrial automation by providing attendees with insight into key operational and business topics through online sessions, panels with live Q&A,

Top Distribution Industry Events in 2025

This is a must-attend event for electrical distribution professionals, featuring keynotes, breakout sessions, and networking opportunities ideally tailored to managers and leadership teams.

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An Overview of Automation in Distribution Systems

The other parts of this paper are assigned to the areas of implementation the distributed automation system, technical challenges, functional requirements, and communications protocols

Network Automation Forum

The Network Automation Forum (NAF) is exactly that, a forum for discussion - a salon if you will. We''re here to bring together engineers, architects, developers

Microsoft Word

A broad definition of Distribution Automation includes any automation which is used in the planning, engineering, construction, operation, and maintenance of the distribution power system, including

Research and Application of Distribution Automation System

This paper centers on the mountainous distribution network automation strategy based on self-healing technology, analyzes the main components and functions of the distribution automation

Planning to Equip the Power Distribution Networks with Automation ...

Implementing automation system in distribution networks needs a huge investment that usually cannot be funded entirely in a short period of time. So distribution companies (DISCOs)

Create forums

The phpBB3 version of the forums is a classic! Users appreciate the phpBB3 forum software for its numerous functionalities and its simplicity. PhpBB 3 forums are easy and fun to use! Choose this

An overview on distribution automation system

The concept of distribution automation system is put forward to improve power supply reliability and power quality to users. To begin with, four main functions of distribution automation system including

Control and Automation Systems for Distribution Networks

Abstract Distribution networks have traditionally had low levels of automation and control, primarily centered around the use of SCADA to monitor medium voltage (MV) feeders together with a

A distributed automation architecture for distribution networks, from ...

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With the current increase of distributed generation in distribution networks, line congestions and PQ issues are expected to increase. The smart grid may effectively coordinate

Network automation planning in distribution networks: a feeders ...

This paper presents a methodology for distribution networks automation planning. The presented methodology identifies the optimal location of intelligent protection devices for improving network

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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