

Distribution Network Automation Team Building



Article Overview

A successful Distribution Network Automation Team combines technical expertise, cross-functional collaboration, and data-driven decision-making to optimize operations and scale efficiently.

Core Team Structure

- Automation Core Team (ACT): Start with a small, highly skilled team of 3-5 members with both software and network competencies. This team selects initial automation use cases, runs pilot projects, and establishes workflows and governance frameworks ().
- Expanded Automation Group: Once the ACT demonstrates success, expand the team by adding members with complementary skills, creating a larger group responsible for broader automation initiatives. Include a steering group with senior management to oversee budget, strategy, and alignment with organizational goals ().
- Regional Pods: For global distribution networks, create regional teams responsible for end-to-end operations, including procurement, logistics, and customer engagement. This ensures local agility while maintaining global oversight ().

Key Roles and Skills

- Technical Expertise: Proficiency in automation platforms, low-code tools, API integration, and workflow orchestration ().
- Domain Knowledge: Understanding of distribution operations, supply chain proces...

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Figure 1. Overall architecture of distribution network automation...

Overall architecture of distribution network automation system (1) Main station composition and configuration The main station

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Distribution Automation Distribution automation (DA) is a family of technologies, including sensors, processors, information and

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

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4 phases to build a network automation architecture

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