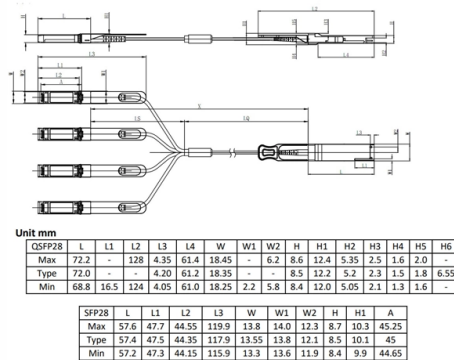


Customization Process for New ODN Products Used in Field Operations



AI Overview

The customization process for new ODN products involves pre-connectorized module preparation, digital labeling, intelligent management configuration, and standardized field deployment to ensure fast, accurate, and manageable network operations.

Pre-Deployment Customization

- 1. Define ODN Product Requirements:** Before deployment, clearly specify the ODN product type, module configuration, and intended field usage. This includes selecting pre-connectorized modules, optical splitters, and feeder/distribution cable layouts according to network design and service requirements.
- 2. Pre-Connectorized Module Preparation:** Modules should be assembled and tested in the factory to minimize field decisions. Each connection point follows fixed rules, ensuring that installers only need to connect rather than build on-site. This reduces errors and accelerates deployment.
- 3. Digital Labeling and Intelligent Management Setup:** ODN devices should include digital labels and be integrated with intelligent management terminals. These labels allow field personnel to scan and collect ODN information using mobile apps, enabling real-time visualization and management of network resources. This ensures accurate tracking of splitters, connectors, and fiber paths.

Field Deployment Process

- 1. Standardized Installation:** Installers follow pre-defined connection rules, connecting pre-assembled modules and routing feeder and distribution cables according to the design. This approach reduces improvisation and ensures consistent quality across multiple sites.
- 2. Resource Visualization and Monitoring:** Using ODN/ORP visualization tools, field teams can monitor optical signal distribution, identify uneven or even splitters, and verify signal levels. This allows for quick fault diagnosis and ensures that the network operates within tolerance levels.
- 3. Performance Verification:** Field engineers perform...

Article Content

Configuring Official Document Number

Each ODN Type possesses the flexibility to be linked with various countries or regions and can be integrated into numerous business processes. Embark on the following exercise for a comprehensive

Mass Customization | Springer Nature Link

In addition, mass customization can also improve inventory and supply chain management efficiency. As mass customization is a make-to-order process, usually products are only made when

TS 104 021-1

The present document describes the composition of the digitalized quick ODN and the general requirements on physical label, digitalized quick ODN devices, intelligent management terminal,

DIGITIZATION OF OPTICAL DISTRIBUTION NETWORKS (ODN)

Now however, there is a push by industry to introduce modern technology to the ODN in order to reduce operating expense and increase performance of access networks. This research note will provide an

LightCounting :: LightCounting Publishes a White Paper on Optical ...

Starting around 2015, a second generation of ODN (ODN2) started deployment, using various pre-connectorized components made available by Corning, CommScope, Huber+Suhner, Huawei,

Gartner Business Insights, Strategies & Trends For

Gain strategic business insights on cross-functional topics, and learn how to apply them to your function and role to drive stronger performance and innovation.

Quick ODN Deployment Guide: Planning, Installation

Quick ODN deployment succeeds when field execution strictly follows the system logic defined during planning. This section walks through a

What Is Customization?

What Is Customization? Customization is the process of making alterations to a product or service to meet the specific needs or desires of an individual or a

The Product Customization Process in Relation to

The new trends in manufacturing in Industry 4.0 recently are mass personification production and smart customization. Mass personification

Example: Configuring System Generated Official Document Number

See an example of how to configure an official document number (ODN) type for a system generated ODN for supplier invoices in Self Billing.

Mass Customization | Springer Nature Link

Mass customization aims to deliver products and services that best meet individual customers' needs with near mass production efficiency (Tseng et

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

Unlocking the Potential of Mass Customization Through

The article selection process followed the main, if applicable, steps of the PRISMA 2020 methodology guidelines. The term “mass customization” was

Fiberhome Smart ODN Solution | PPTX

This document discusses FiberHome's Smart ODN solution for optical distribution networks. It begins with an overview of the history and challenges of copper and optical cabling systems.

SAP Help Portal | SAP Online Help

SAP Help Portal provides online help and support for SAP software users.

Dynamics 365 Finance & Operations Customization

Customization in Dynamics 365 Finance and Operations allows businesses to adapt the system to their unique needs, ensuring optimal

ODN Construction

The Light ODN solution accurately plans the ODN network. With the pre-connectorized products, light-weight construction of ODN, splicing-free, and rapid construction.

Standardization vs Customization: Striking the Right Balance

This approach allows businesses to deliver customized products at scale, while minimizing costs and reducing errors. Understanding the benefits and drawbacks of standardization and

Intelligent ODN System Design (2025): Architecture,

Learn how Intelligent ODN combines electronic labels, smart OTDR, and a unified platform to cut MTTR by 40–60%, boost first-time fix, and scale

Strategy using modularity tools to operationalize mass customization

The aim of this article is to present a strategy for operationalizing mass customization using modular tools. Action research is used to test the proposed strategy. The paper proposes 4

Product Customization

Product Customization tailors a product's features, appearance, or functionality to meet specific customer needs. It enhances satisfaction and engagement. Customization differentiates offerings in

DIGITIZATION OF OPTICAL DISTRIBUTION NETWORKS (ODN)

This "Quick ODN" uses the unique identities of ODN passive elements to create intelligent management functions like automatic storage of optical fiber location information, automatic identification of optical

Evolving Optical Distribution Network (ODN) Methodology

This white paper introduces an evolved methodology to manage FTTx Optical Distribution Network (ODN) performance. A centralized OTDR-based solution is the core of this evolved methodology,

Smartphones, Accessories & Smart Home Devices

#hellomoto | Discover our new unlocked Android phones from motorola and stay informed about our offers and promotions.

People Inc.

People Inc. is owned by People Incorporated, formerly IAC. Learn more about IAC's transition

Activating Official Document Numbering in Convergent Invoicing | SAP ...

Discover how to configure official document numbering (ODN) in SAP S/4HANA Cloud, including its features, applications, and localization options.

Balancing customization and standardization in field processes

Balancing customization and standardization in field processes is essential for achieving optimal operational efficiency and flexibility. By implementing a modular approach, leveraging technology,

The customization and personalization of product in

In the future, the use of new innovative technological solutions, including solutions based on Industry 4.0 principles, should help the Polish steel

Creating a Custom Official Document Number Type | SAP Help Portal

Create a custom official document number type to configure official document numbers that can be manually maintained by the end-users while posting documents.

How does digital enablement affect product customization? The roles

The findings show the importance of digital enablement as an operation capability for product customization, and reveal that innovation capability partially mediates the effect of digital

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