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## Mandatory Training 2025

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### Safety and Security Training (30 minutes) – *Completed*

#### Topics Covered:

- **Life Saving Rules:** Understanding and adhering to non-negotiable safety requirements.
- **Physical Security:** Reviewing office security protocols and travel support for Nokia employees.
- **Health & Safety in Projects:** Best practices for health and safety in customer projects.
- **Incident Reporting:** Procedures for reporting health, safety, or security incidents.
- **Wellbeing:** Resources and support services for personal wellbeing and a healthy work environment.

#### Additional Notes:

- **Sitting Posture:** Maintain ergonomic posture while working.
- **Nokia SOS:** +44 207 365 9626
- **Nokia Concur:** Travel and expense management platform.
- **GSOC (Global Security Operations Center):**
  -  +1 469 661 3018
  -  [security@nokia.com](mailto:security@nokia.com)

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### Ethical Business Training (45 minutes) – *Completed*

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### Information Security and Privacy Awareness (25 minutes)- Completed

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## Nokia FlowOne Overview

Course ID: DO00647-K-2300

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## Service Fulfilment

### Fider Introduction to X-FTTx

#### Key Concepts:

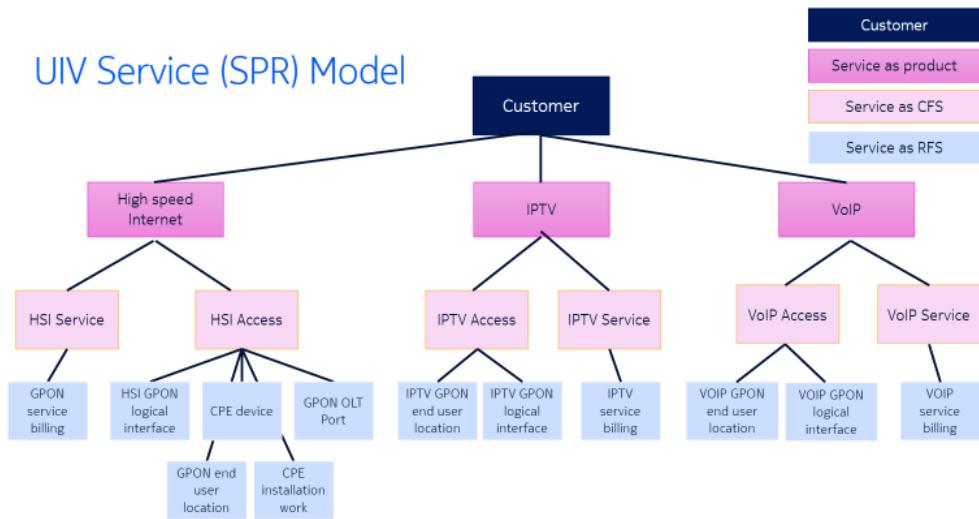
- **Optical Networks**
- **Optical Line Terminal (OLT)**
- **Optical Splitter**
- **Optical Network Terminal (ONT)**
- **FTTx**: Generic term for optical fiber broadband architecture
  - **GPON**: 2.5 Gbps
  - Variants:
    - Fiber to Node (FTTN)
    - Fiber to Cabinet (FTTC)
    - Fiber to Building (FTTB)
    - Fiber to Home (FTTH)
- ONT-ONT -> Splitter – (OLT - HIS (high speed internet)-VoIP (Voice over IP)-IPTV (TV over the internet)) central office – access network – transport network
- A triple play network is one which voice, video and data are provided in a single access subscription

## EX Flow one catalog driven fulfillment (CDFF) Solution

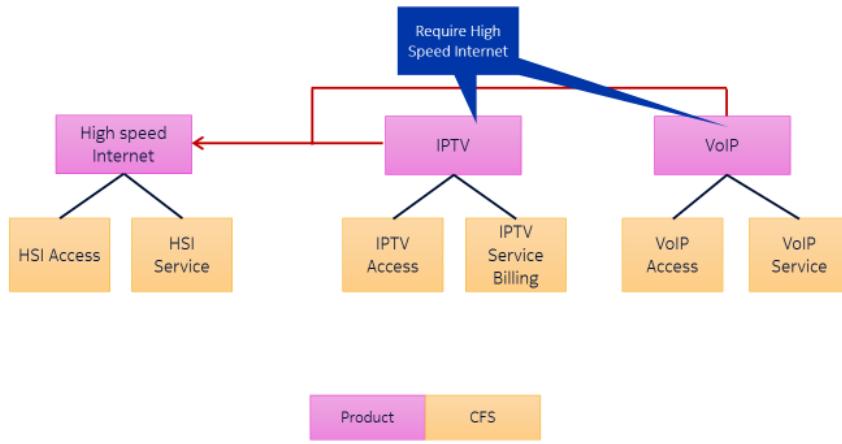
### Triple-Play Solution – Key Requirements

- Product Catalog Management
- Easy to add new products
- Maintain existing products efficiently
- Unified Order Tracking
- Track all order processing in a single system
- Manual Task Support
- System should allow for manual interventions when needed
- Inventory System Integration
- Manage both physical and logical inventory
- Maintain subscriber profiles

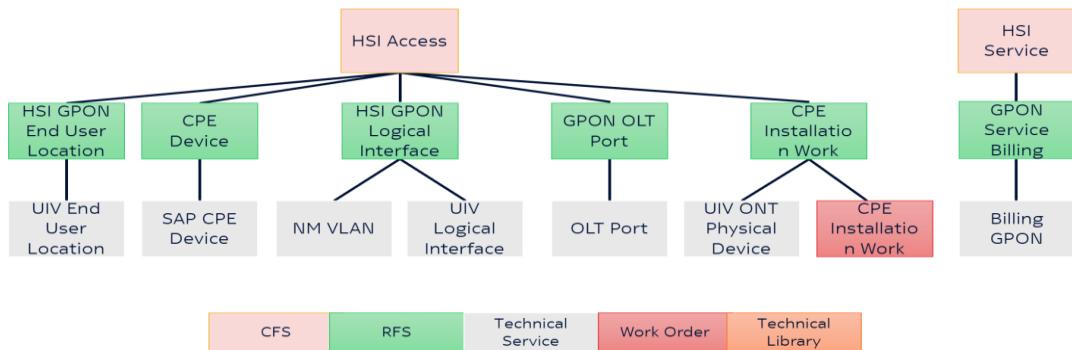
## UIV Service (SPR) Model



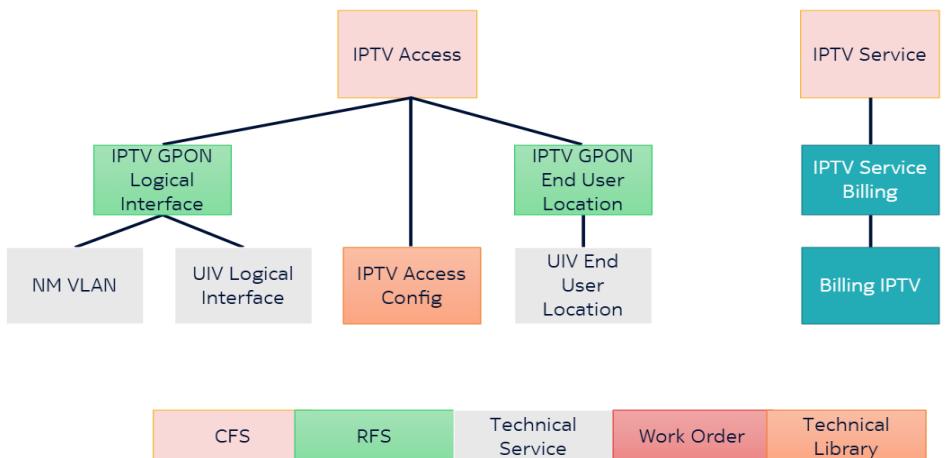
## Catalog Model – Commercial Level



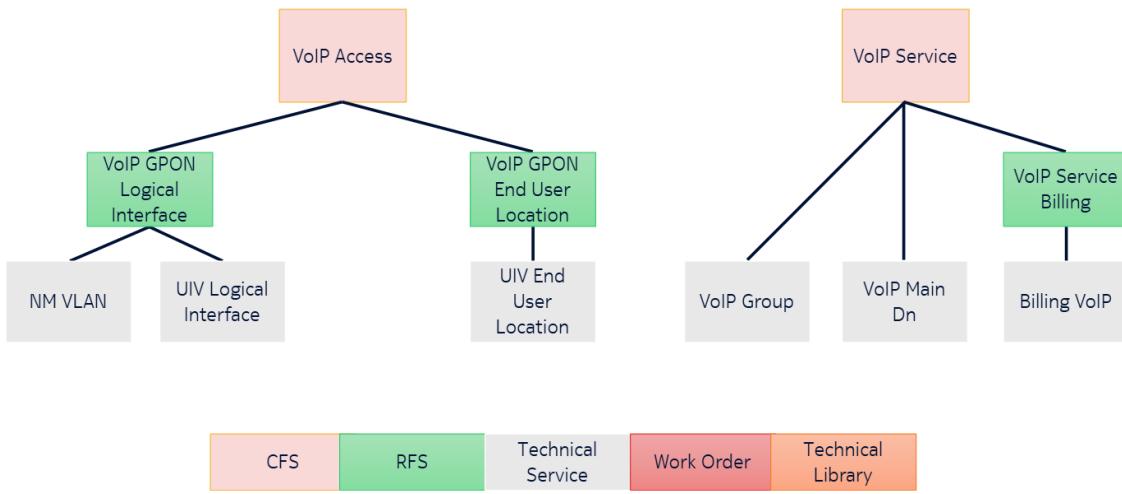
## High Speed Internet Catalog Model – Technical Level



## IPTV Catalog Model – Technical Level



## VoIP Catalog Model – Technical Level



## Catalog-Driven Fulfillment

- Order entry
- Order Decomposition
- Provision and Install
- Completed order

## CDPA (Catalog driven Provisioning and Activation)

- Catalog: Defines how services are delivered to customers
  - Provisioning and Activation: Process the order based on the catalog instructions
  - Catalog concepts:
    - CFS (Customer facing service)
    - RFS (Resource facing service)
    - Remote items
      - o Technical Services
      - o Technical library
      - o Work order
    - Selection Group
      - o Must be embedded into another product or service
  - CDPA Deployment
    - Traditional
    - Cloud – ready
  - CDPA Deployed as VNFM (Virtualized network function manager)
    - Cloud Band Application Manager (CBAM)
  - UIV (Unified Inventory)
    - Nokia Flow one
    - Nokia Orchestration
    - Nokia Assurance
  - UIV Components
    - RESTful API Layer
    - Discovery and Reconciliation
    - Neo4j Graph database
  - UIV Components are deployed using CSPF (Common Software Foundation Platform)
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## Flow One Introduction to Catalog

**Course ID:** DO00545-K-2300

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- Catalog Features
  - SOAP-BASED APIs
  - TECHNICAL CAPABILITIES
  - CATALOG DESIGNER
  - CATALOG MODELS
  - LIFE – CYCLE MANAGEMENT
  - 3<sup>RD</sup> PARTY SOURCING OF PRODUCTS
  - PRODUCT RULES AND DEPENDENCIES
  - PROCESS DESIGN
- Flow One Fulfillment
  - Flow one fulfillment is a robust network service management platform for the end-to-end fulfillment process – from service order capture to service delivery
- Service model Structure
  - Customer facing services – Resource facing services – Technical services
- Catalog service Items
  - Technical service (TS): Specification of a network level capability
  - Technical library (TL): It is used if there is data enrichment
  - Work order (WO): A manual task
- Error Recovery
  - Flow one catalog has seven default transactions
    - Provide
    - Amend
    - Cease

- Create
  - Modify
  - Delete
  - Display
- Flow one fulfillment request/task types
    - Create
    - Modify
    - Delete
    - Display
  - Defined by selecting the undo transaction
    - Undo = Rollback

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## Flow One eLearning Subscription Curriculum

**Course ID:** DO00592-G-2100

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