

Intergraph Smart® Instrumentation

LTUF – Nov 12th, 2019

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Topics

- Our PPM Focus
- Smart Instrumentation 2018 – Latest HF
- New in Smart Instrumentation 2019
- Roadmap
- The Smart Form Generator Workflow
- The Smart Form Generator Deployment

Our Focus

Sustain the Core

- ✓ Design @ EPCs
- ✓ Enhance **UX & integration** of core solutions
- ✓ Expand **footprint** to additional users

New Products

- ✓ Ecosys Projects Performance
- ✓ HxGN **Smart Build**
- ✓ SMART **Completions**
- ✓ SMART **Form Generator**
- ✓ Bricsys
- ✓ HxGN **SDx**
- ✓ j5
- ✓ **LiveView**



New Markets

- ✓ Win O&M at OO
- ✓ Infrastructure and AEC **Construction**
- ✓ Targeted **M&A**

One Hexagon

- ✓ Solution mindset
- ✓ Outcome orientation
- ✓ Take customers on the digital journey
- ✓ **Xalt Technology**

PPM Guiding Principles

Urgency

Fearlessness

Accountability

Trust

Transparency

Smart Instrumentation 2018 – Latest HF

HF 7: Released Nov 7th

- PAB Enhancements:
 - Performance improvements
 - Ability to drag inactive cables or cable-sets (Connection Window)
- ESR:
 - Positions saved at drawing level
 - Active Revision Macro
 - DCS Header symbols displays redundant cards
- Data Integrity Utility

Upcoming HFs:

- Precedence Rules:
 - Specs/PD, no wiring
 - Wiring, no Specs/PD
- New Domain Mode: EPC – Project Mode

Initialize

Target domain definitions

Domain:

Domain schema name:

Domain schema password:

View Only Domain Schema Password:

Target domain type

Owner operator

Engineering company

Engineering company Project Mode

Date: 3/17/2019

Start time:

End time:

Do not display error messages

Status

Operation: Progress:

Description: Process:

OK Cancel Source... Help

Smart Instrumentation 2019

Release date: Nov 2019

- PAB Enhancements
- Support for Smart Form Generator (SFG)
- Enterprise Platform 2019:
 - Oracle 18.3
 - MSSQL 2017
 - Windows Server 2019
- Support new Smart License and Telemetry
- Remove SQL Anywhere from Admin – Phase II
- Support for DIN standard – Phase I
- Integration:
 - Ability to publish cable termination info
- Bug fixes (200+)

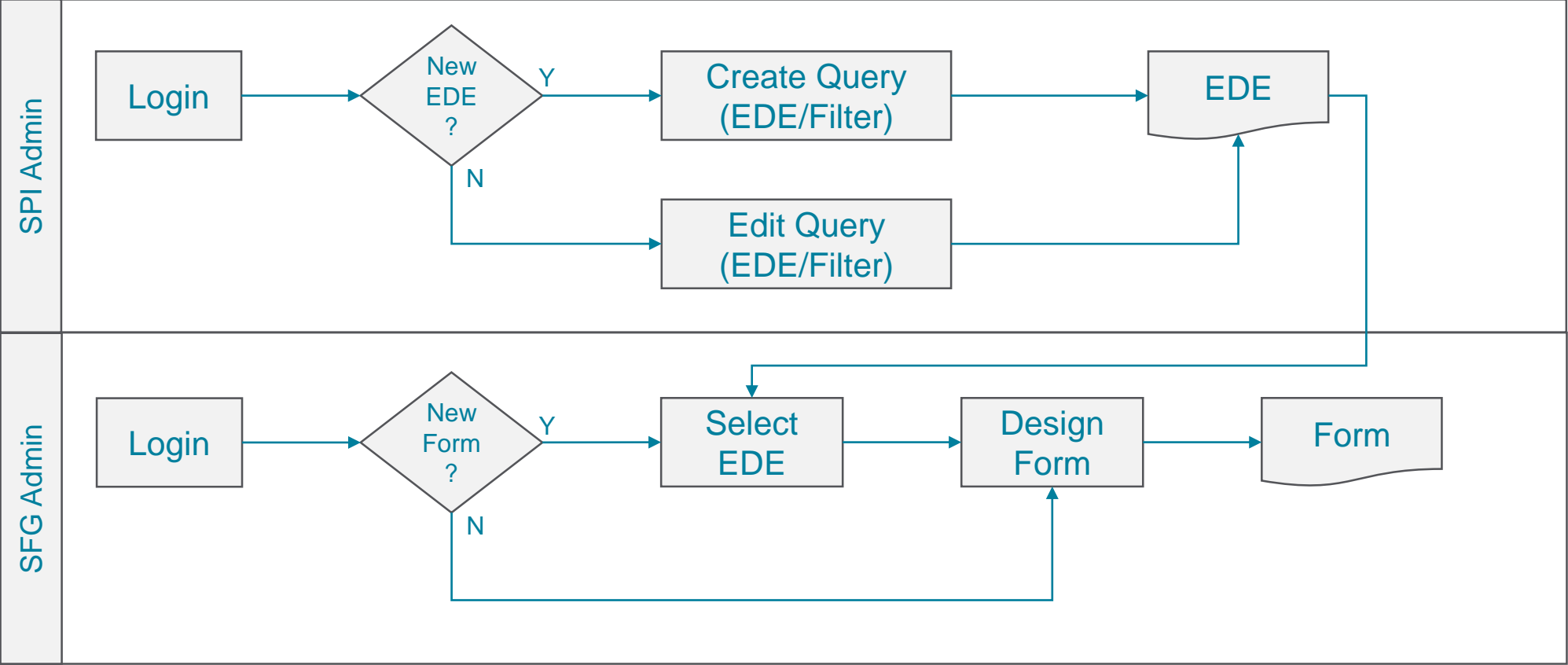
Roadmap

- Offline projects (Phase I – Q1 2020)
 - HF: Jan 2020
 - Dashboards, view package content – Phase II ~ Q3'20
- PAB Workflows: Rules of precedence
 - Specs/PD, no wiring
 - Wiring, no Specs/PD
- Write Web APIs – Ongoing
- Admin Web APIs – Ongoing
 - To be used by SEM
- Integration 2.0 – 2021

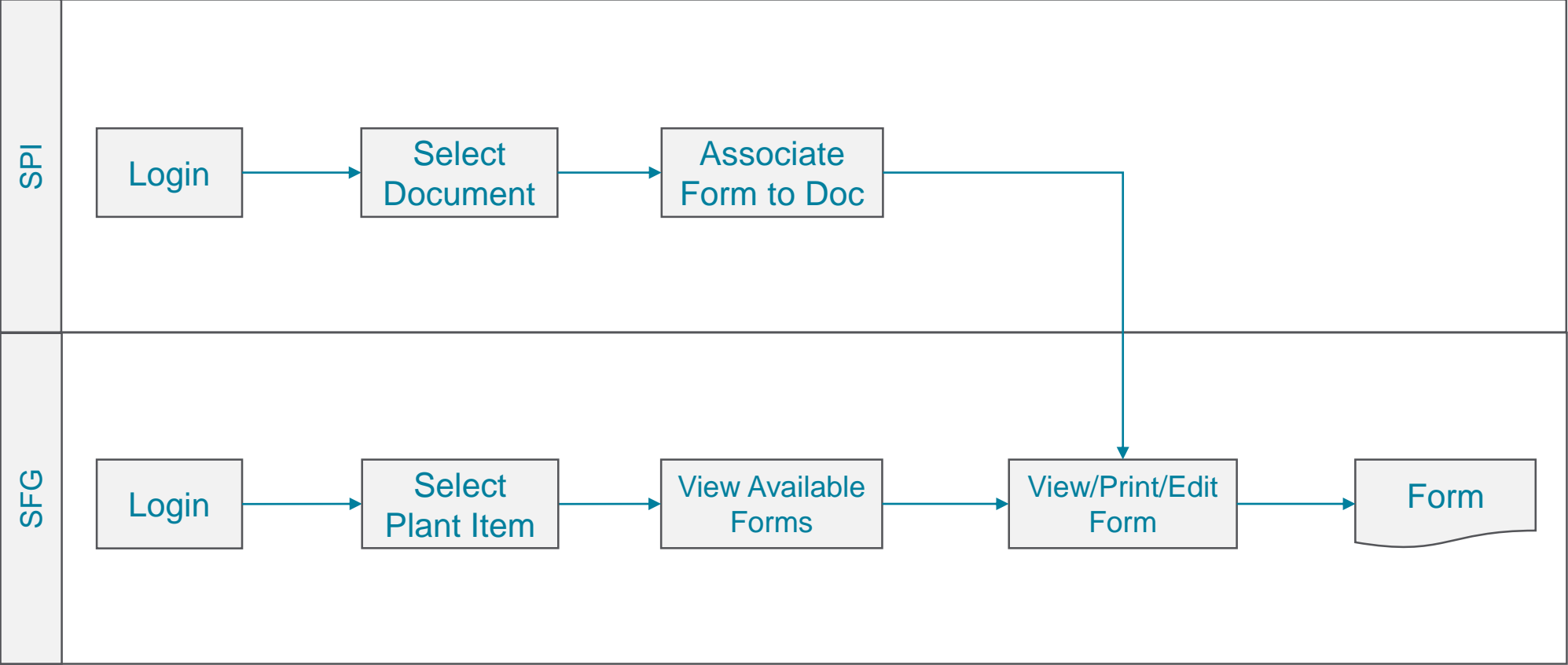
Smart Form Generator

Update

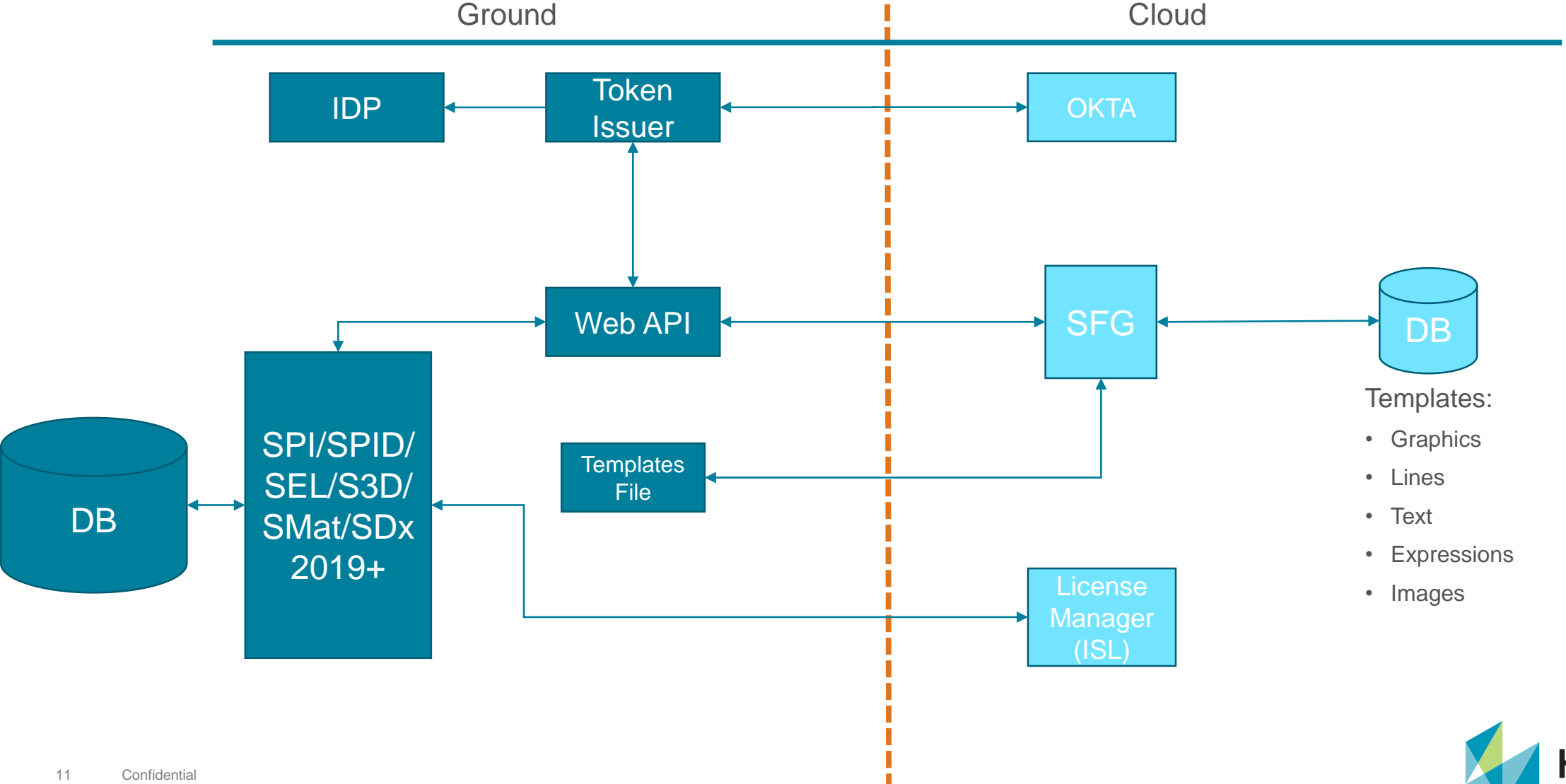
Admin User – Workflow Diagram



Instrumentation User – Workflow Diagram



Smart Form Generator – Cloud Deployment Architecture



THANK YOU

