



HxGN | LIVE

**The  
change  
you  
shape**



**HEXAGON**

# **Smart Instrumentation Update**

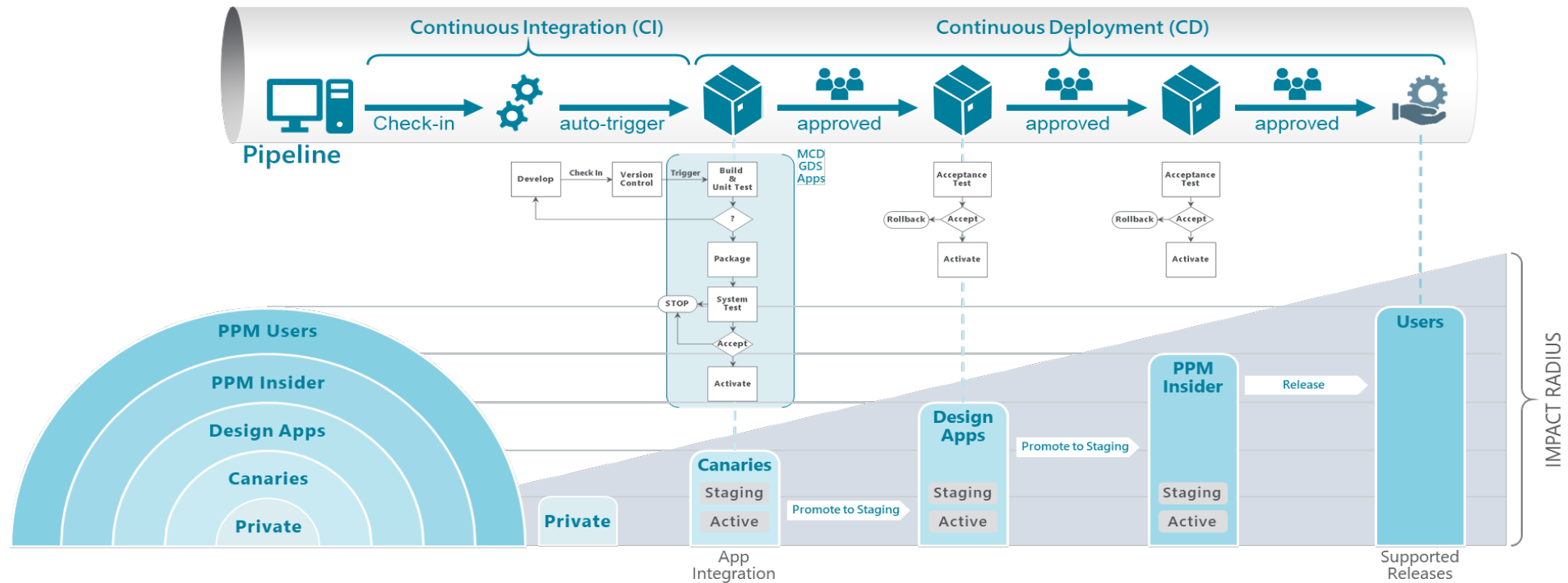
**David Kaiser, Hexagon**

May 14, 2019

# New Ways of Development and Delivery

DevOps – Delivers quick fixes and updates

- Continuous Integration/Continuous Deployment and Upgrade
- Ring Deployments





# Intergraph Smart® Instrumentation 2019

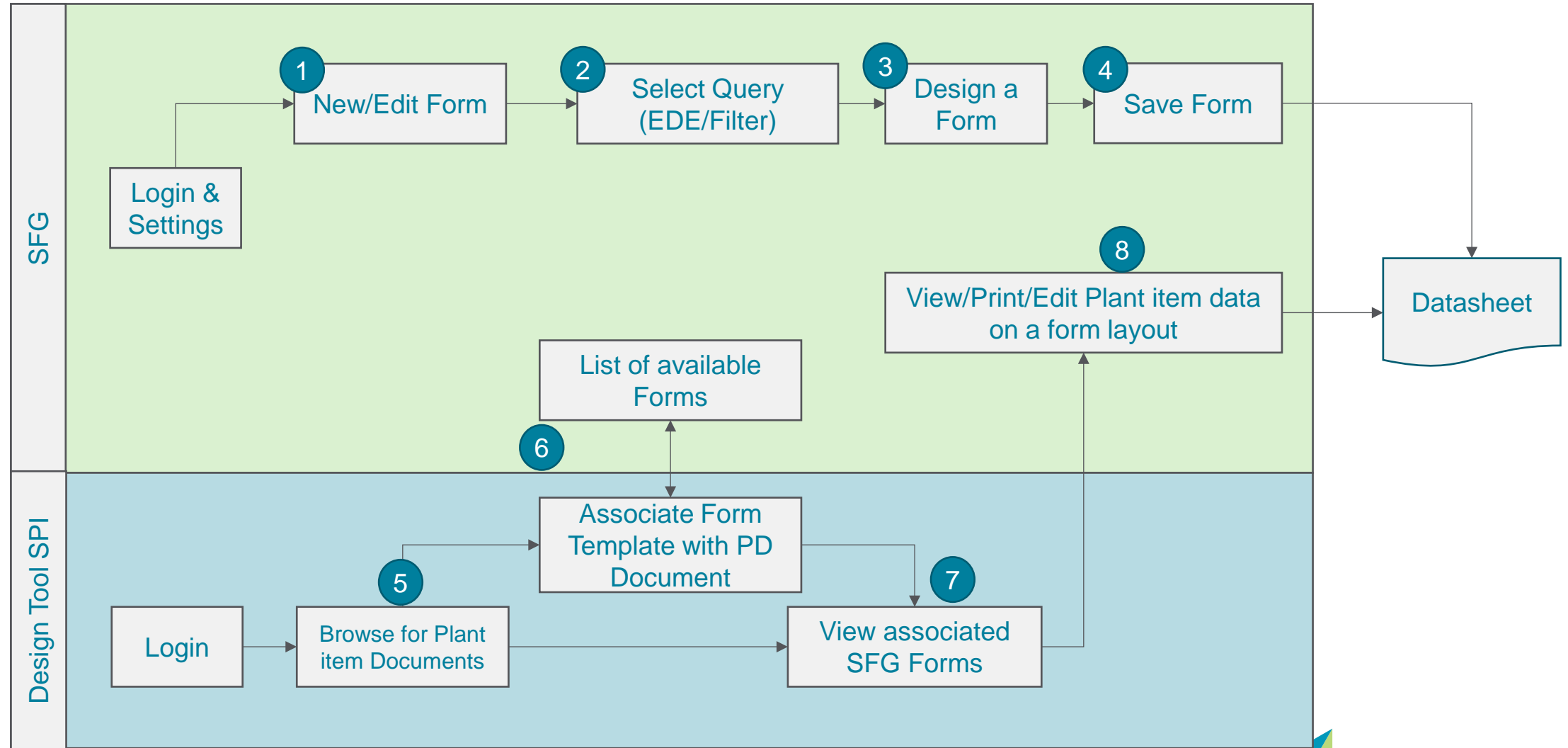
## Release date: June 2019

- 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
- Support for DIN standard – Phase I
- Integration:
  - Ability to publish cable termination info
- Bug fixes (200+)

## Web APIs

- Used for:
  - LiveView
  - Smart Form Generator
  - Integration with Smart Completions
  - Integration with 3<sup>rd</sup> party apps/vendors
  - Replacing automation layer (LLAMA)
  - Integration 2.0
- Schedule: June 2019
- Quarterly releases

# Smart Form Generator – Workflow



# Smart Instrumentation - Offline Projects

Smart Instrumentation

Off-Line

The ability to reuse part, or all, of my project by an offline contractor that might not have direct access to my network, and then send it back so I can update my Hub/Hublin

Open

SFG

EM

HEXAGON

# Smart Engineering Manager – Common Administration

The image illustrates the navigation flow for plant administration in Smart Engineering Manager. It is divided into three main sections:

- Top Left: Smart Engineering Manager Sites**
  - Source Type: SEM
  - Sort By: Name A to Z
  - Search sites...
  - List of sites: AtpAPI\_SiteMSS1 (4 plants), AtpAPI\_SiteMSS2 (0 plants), AtpAPI\_SiteOra1 (7 plants), AtpAPI\_SiteOra2 (0 plants).
  - Each site has a 'PROPERTIES' section.
- Top Right: AtpAPI\_SiteMSS1 - Plants**
  - Choose Plant dialog box with Sort By: Name A to Z and Search plants... field.
  - List of plants: AtpAPI\_PlantMSS1, AtpAPI\_PlantMSS1L, AtpAPI\_PlantMSS1LS, AtpAPI\_TargetPlantMSS1LS.
- Bottom: AtpAPI\_SiteMSS1 - Plants**
  - Navigation menu with icons for Home, Applications, and Referer.
  - Current selection: AtpAPI\_PlantMSS1
  - Applications list: Smart Electrical, Smart P&ID, Smart Instrumentation.

Yellow arrows indicate the flow: from the 'AtpAPI\_SiteMSS1' site in the top left to the 'AtpAPI\_SiteMSS1 - Plants' view in the top right, and then from the 'AtpAPI\_PlantMSS1' plant in the top right to the 'AtpAPI\_SiteMSS1 - Plants' view in the bottom.



# Thank you