



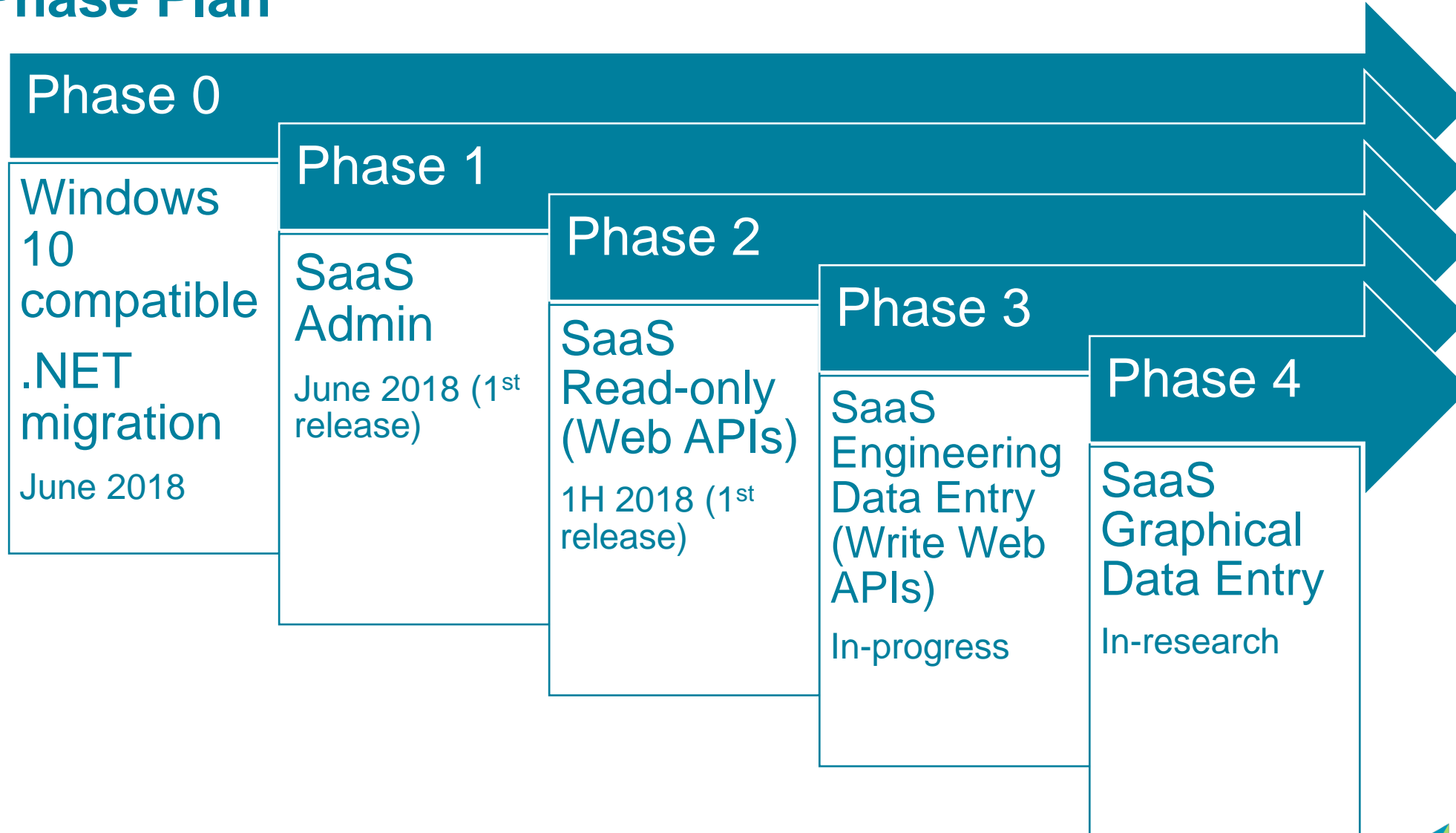
# SmartPlant Instrumentation

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## Roadmap

David Kaiser – Schematics Product Manager

# 5-Phase Plan

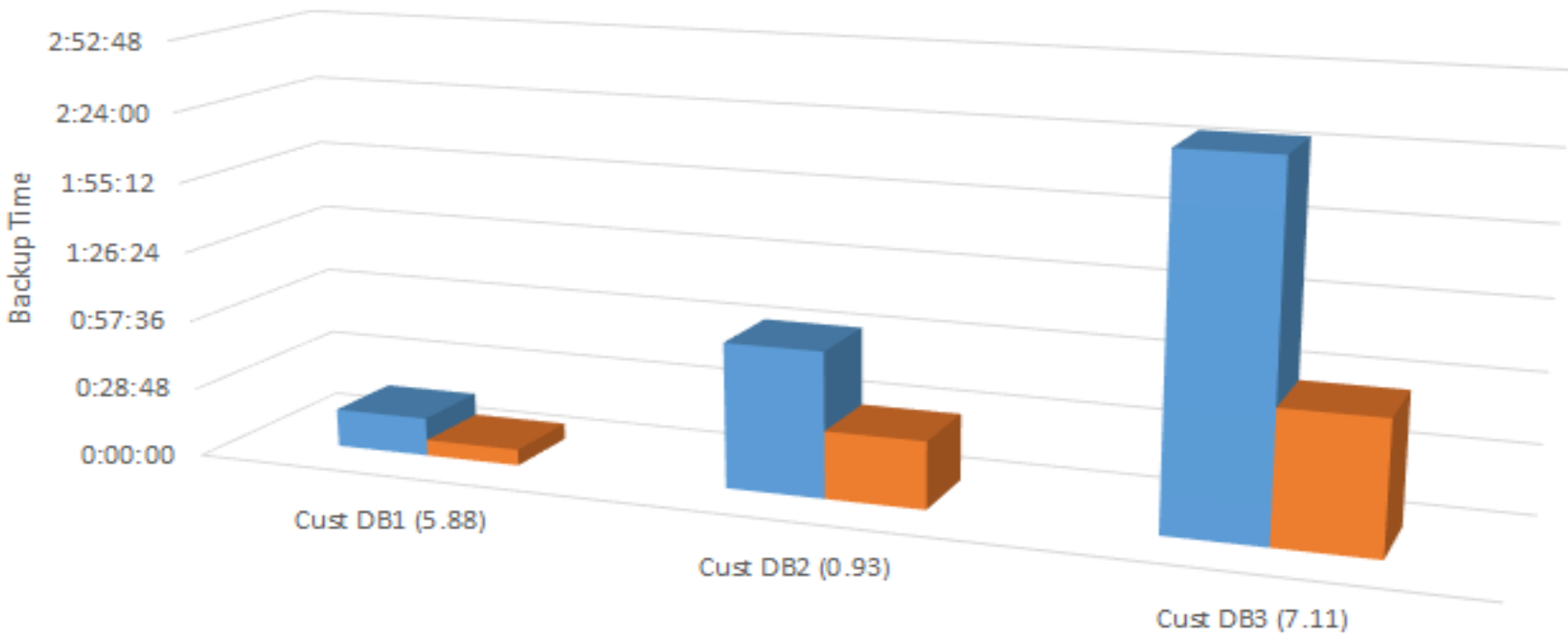


# SmartPlant Instrumentation – Roadmap

- Intergraph Smart® Instrumentation: Q2 2018
- New Backup/Restore platform
- New and enhanced upgrade technology
- New .NET ESR
  - Same Explorers as in main app
- WebAPIs
  - First release: Q1 2018
  - Baseline: SPI v2016
  - Continuous releases

# New Backup

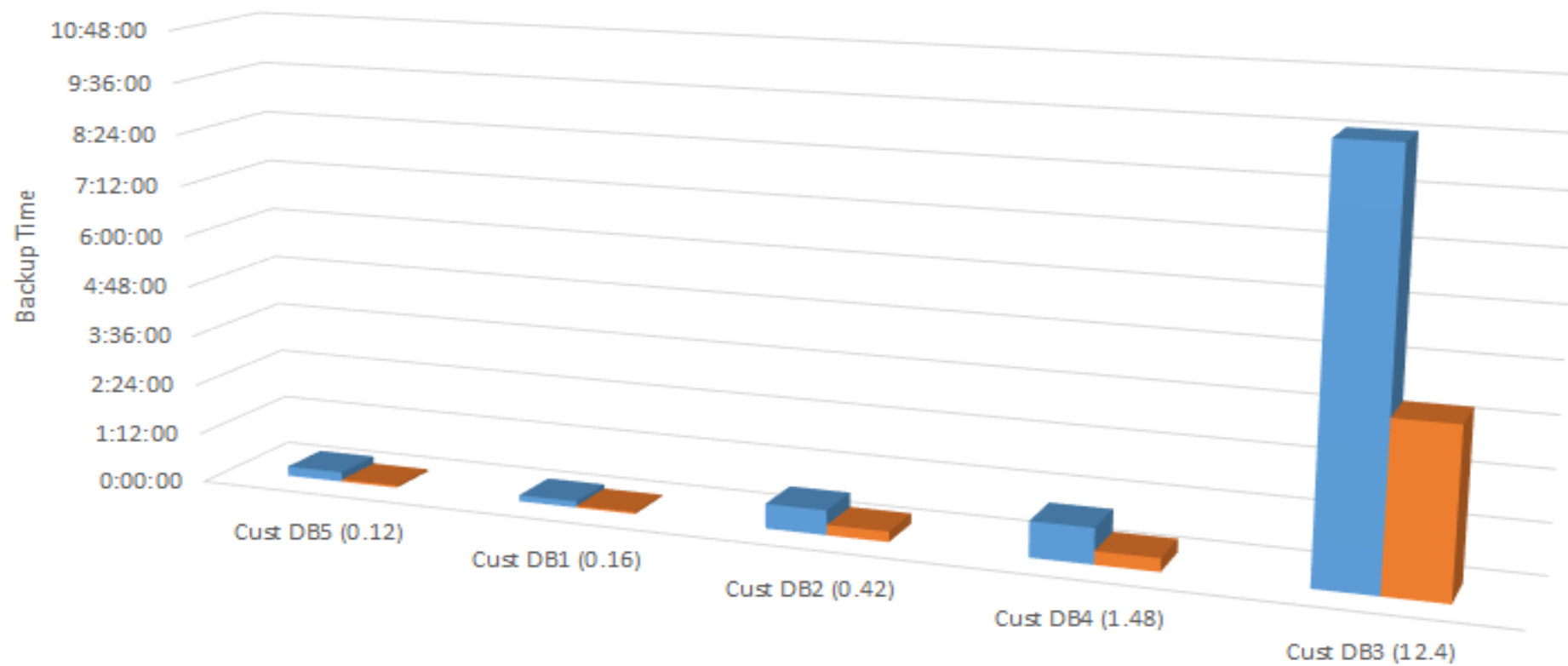
Backup Performance Metrics (MS SQL Server)



	Cust DB1 (5.88)	Cust DB2 (0.93)	Cust DB3 (7.11)
Legacy (SPI 2016 v1)	0:15:57	1:00:10	2:28:07
New (SPI 2018)	0:06:41	0:27:55	0:54:20

Database name(Size of DB in GB)

## Backup Performance Metrics (Oracle)



	Cust DB5 (0.12)	Cust DB1 (0.16)	Cust DB2 (0.42)	Cust DB4 (1.48)	Cust DB3 (12.4)
Legacy (SPI 2016 v1)	0:13:53	0:08:57	0:35:17	0:50:46	9:38:29
New (SPI 2018)	0:03:13	0:02:44	0:14:36	0:18:57	3:54:21

Database name(Size of DB in GB)

# Intergraph Smart® Form Generator

- Remove dependency on Infomaker
- First Release: 2019
- Will become standard Form Generator for PPM Products

Welcome to the Smart Form Generator  
Please choose from the following to get started...



QUERY LIST



CREATE A FORM



FORM LIST

### WIDGETS

Form Elements

- Label
- Text Field
- Text Block
- Drop Down
- Text Area
- Radio Button
- Check Box
- List Box
- Picture

### Shapes

- Arrow Left
- Horizontal Line
- Vertical Line
- Right Connector
- Left Connector
- 2-W Connector
- Pie Chart
- Bar Chart

### Assemblies

FORM: New Undo Redo

DATA: Reconnect

Attach form to: Select

PREVIEW: Retrieve Data First Previous Next Last

## UNTITLED FORM 1

DISCARD SAVE

### QUERIES

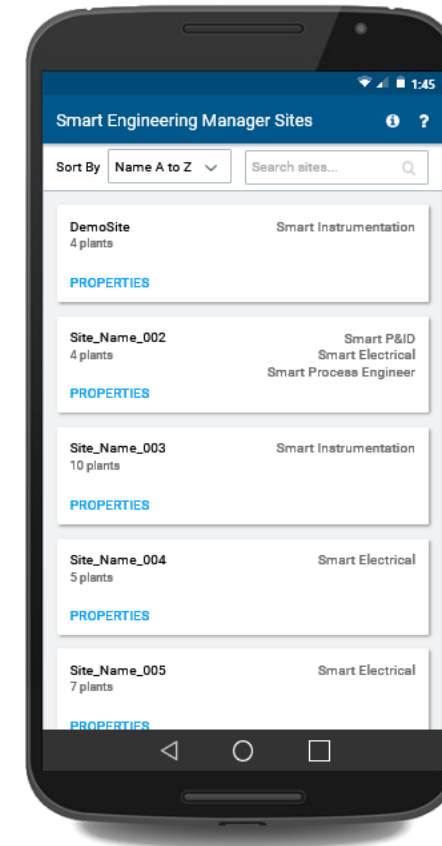
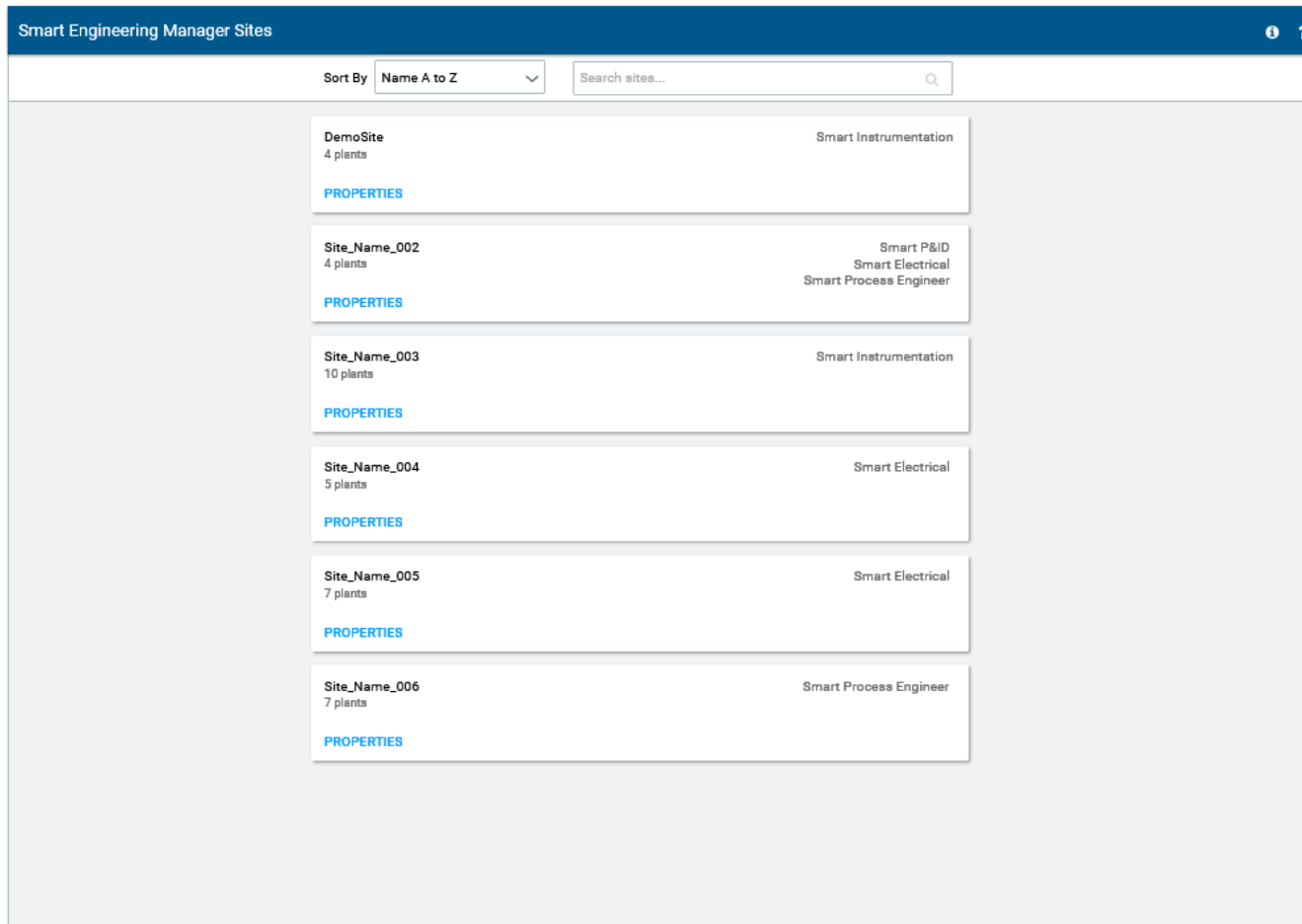
### STYLE

Value Body/Bonnet	a <sup>b</sup> c
Type	a <sup>b</sup> c
Size	123
Size Schedule in	a <sup>b</sup> c
Body\Bonnet Matter	a <sup>b</sup> c
Ports	☐
Valve Guiding	f(x)
Identification	a <sup>b</sup> c
Calibration Type	☐
Circuit Name	a <sup>b</sup> c
CS Tag Instrument Type	☐
Electrical Equipment Name	a <sup>b</sup> c
Fieldbus	D
Full Instrument Name	a <sup>b</sup> c
General Process	a <sup>b</sup> c
Instrument Criticality	123
Instrument Criticality Name	a <sup>b</sup> c
Instrument Criticality Name	a <sup>b</sup> c



# Smart Engineering Manager - Web

- Zero footprint
- Runs directly from Web browser
- Phased implementation
- Use legacy or web version on same projects





**Thank You!**

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