

Visionary Founder

Kellogg's[®]

W.K. Kellogg



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How it started

How it's going

The Role Of Human Ingenuity in a data-driven organization of the future



01

Digital Transformation Principles

02

Technology Choices

03

Technical Capability & Passion

04

Operational Engagement & Adoption

05

Our Solutions

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Heavy Focus on End User



Align & Standardise to a Global System

Overarching Principles



Framework for Future Development



Cross Functional Collaboration
Engineering / IT / KW S

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Framework for Future



Framework for Future
Development

1. Ways of Working

Intent: Digitally Enable KWS Centres using Software Applications

2. Plant Connectivity

Intent: Install Plant Connectivity infrastructure & applications to Visualise, Historize & Analyse Performance

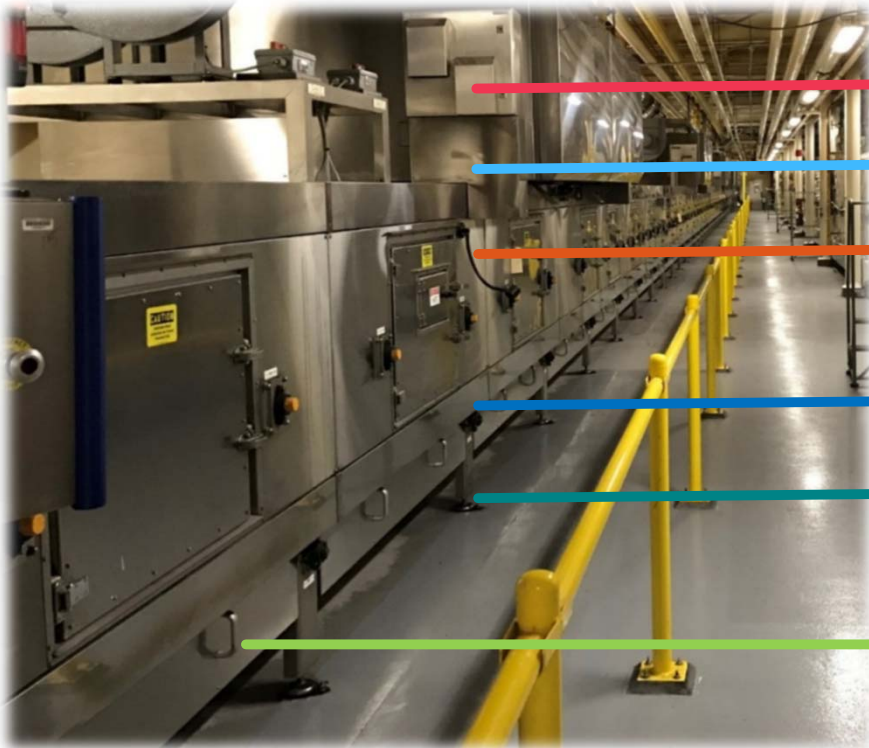
3. Predictive Analytics

Intent: Use the power of Artificial Intelligence to Predict plant performance

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Framework for Future



QA Checklists

AM Checklists

Defects Handling

Data Collection & Monitoring

Analytics - (Source of Loss)

AI/ Machine Learning

W oW

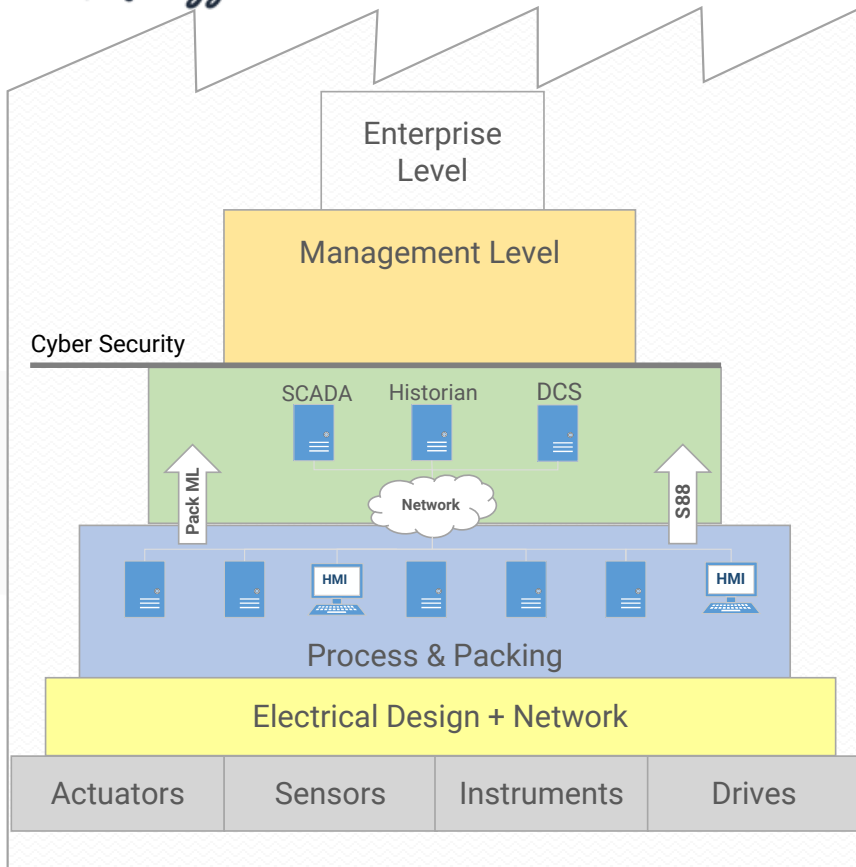
Plant
Connectivity

Predictive










Our Smart Factory Technology Stack

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Technology Stack

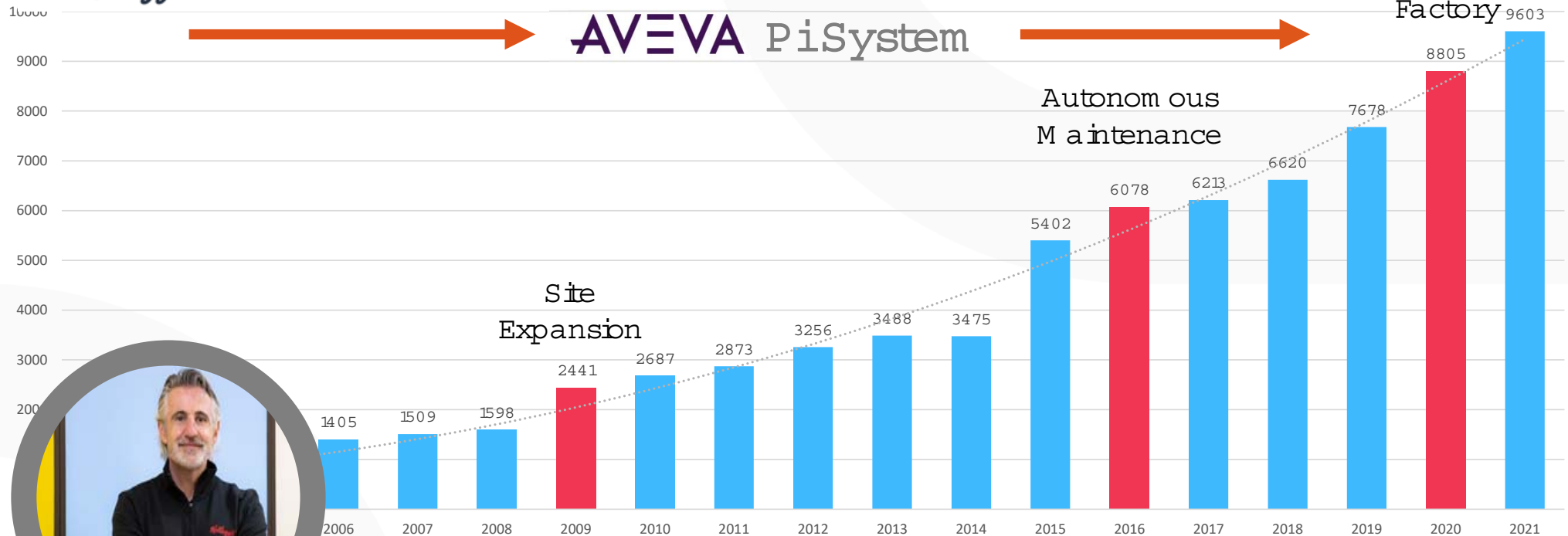
Platform	Applications
	- Supply Chain
	<div> <div>DDS</div> <div>QA</div> <div>PLA</div> <div>NRC</div> <div>AM</div> </div> <div>      </div> <div>Standard Applications</div>
	- Pi System <div>Plant Curiosity</div>
	- >95% Connectivity
	- Improved Sensor Technology

Technical Capability & Passion

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Capability & Passion



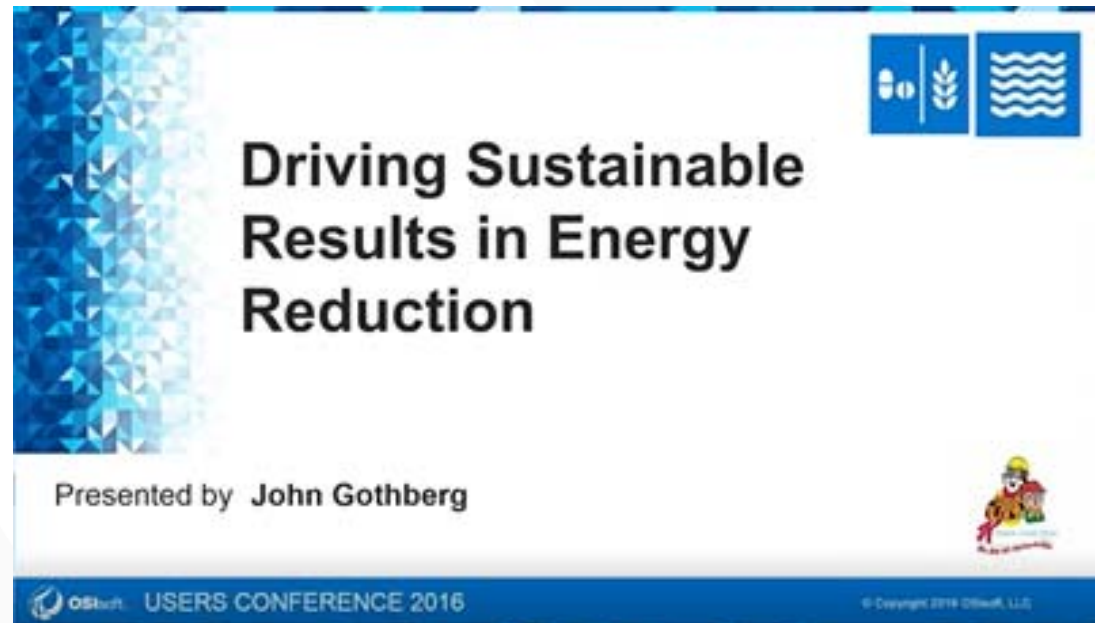
Emili Angles



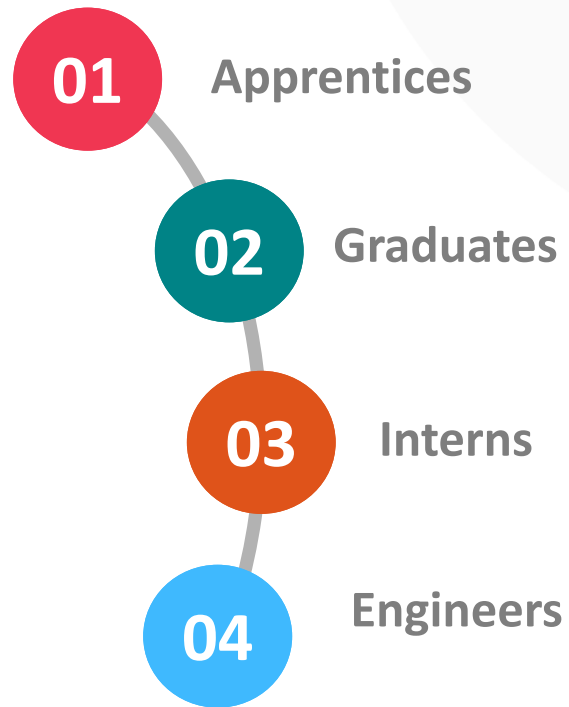
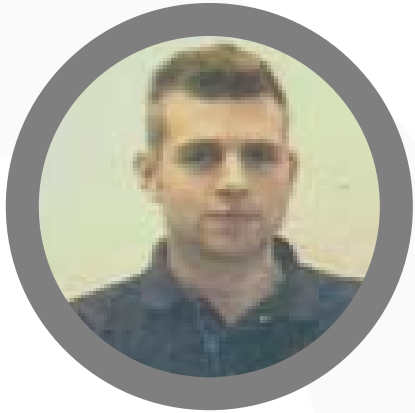
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Capability & Passion

AVEVA PiSystem



John Gothberg
@ PiWorld 2016



Operational Engagement & Adoption

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Digital Adoption

Kellogg's CARY
DIGITAL
IS PIVOTAL
PEOPLE | PROCESS | FUTURE

U.S.



Spain

Plants who have Digital as part of their Strategy are focused, engaged and progress faster

Our Applications

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Our Applications



NRC



PLA



PiVision

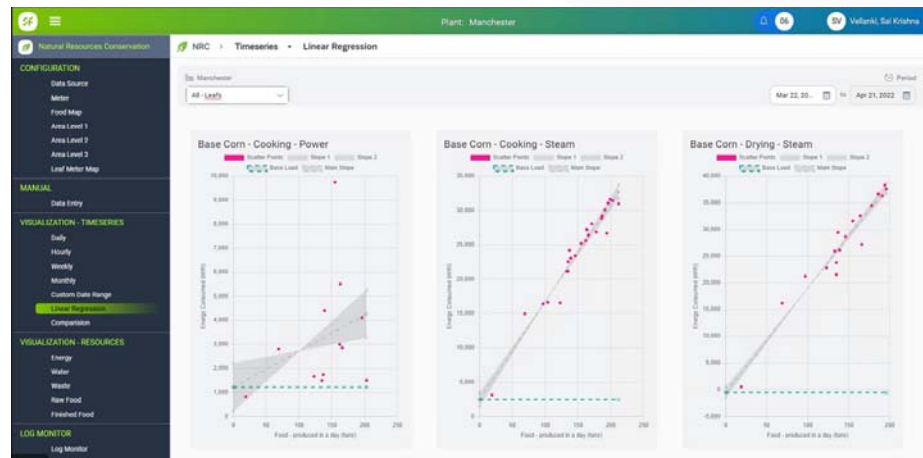
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Our Applications



PiVision



NRC



PLA

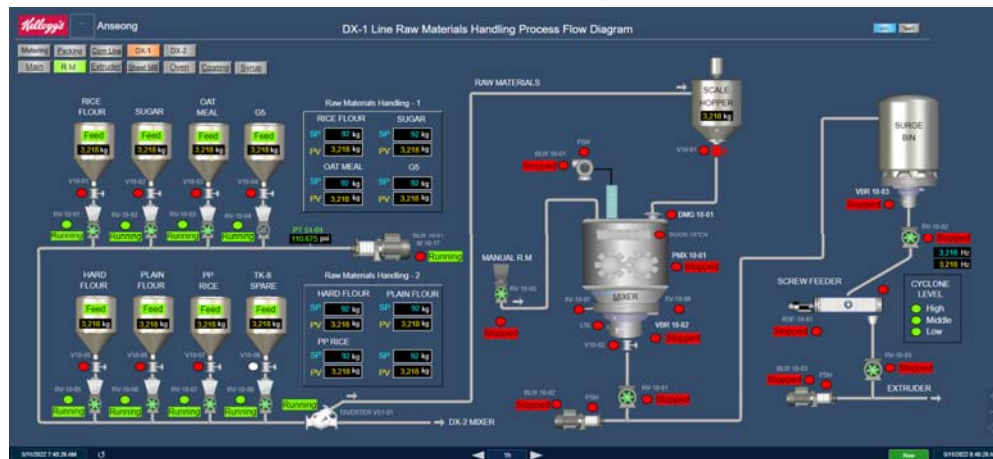
smart factory

by *Kellogg's*

Our Applications



PLA



PiVision



NRC

01

Aligned Strategy / Technology Choices

02

Technical Capability & Passion

03

Digital Readiness & Culture are Key to Adoption

04

Case Studies to show the Benefits

DIGITAL
IS PIVOTAL