

Visionary Founder

Kellogg's[®]

W.K. Kellogg



Kellogg's[®]

W.K. Kellogg

Kellogg's

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

smart factory

by Kellogg's



Heavy Focus on End User



Align & Standardise to a Global System

Overarching Principles



Framework for Future Development



Cross Functional Collaboration
Engineering / IT / KWS

smart factory

by *Kellogg's*

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

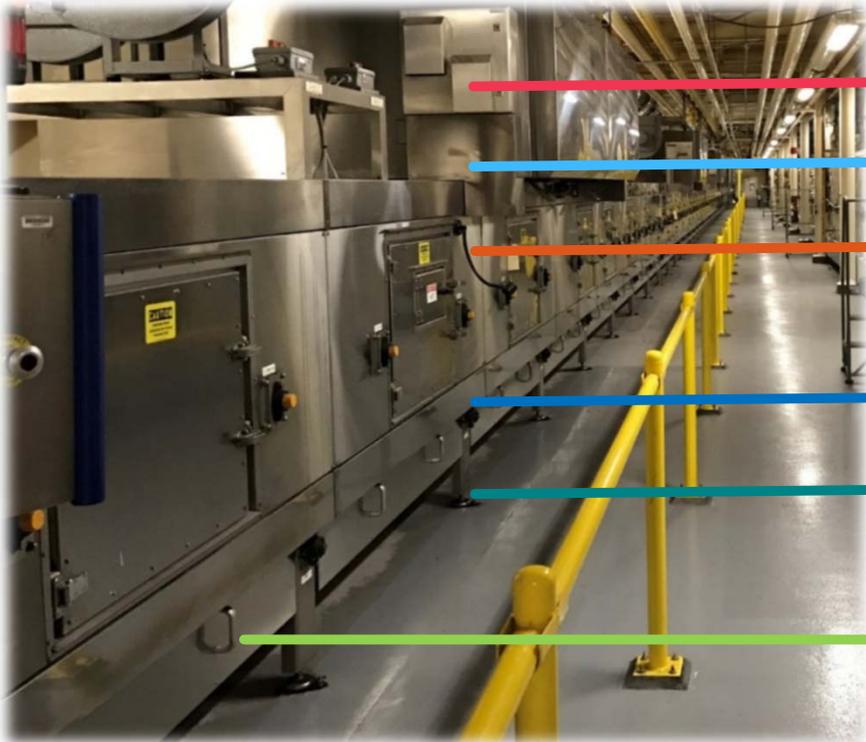
3. Predictive Analytics

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

smart factory

by *Kellogg's*

Framework for Future



QA Checklists

AM Checklists

Defects Handling

Data Collection & Monitoring

Analytics - (Source of Loss)

AI/ Machine Learning

W oW

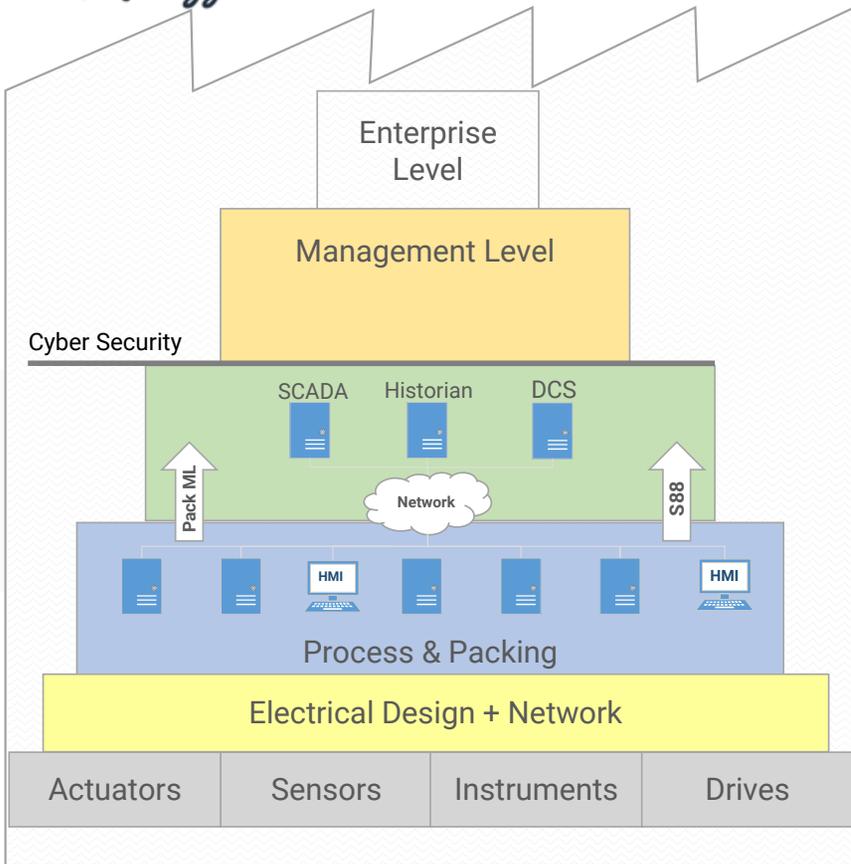
Plant
Connectivity

Predictive

Our Smart Factory Technology Stack

smart factory

by *Kellogg's*



Technology Stack

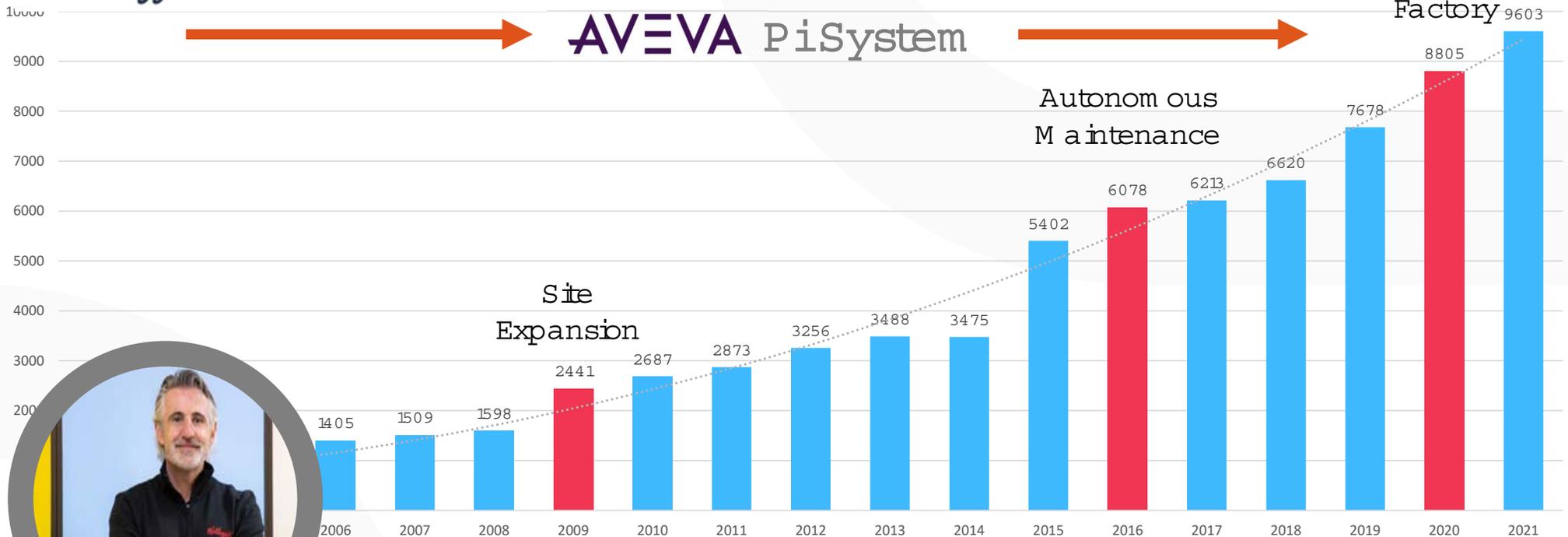
Platform	Applications
	- Supply Chain
	DDS QA PLA NRC AM Standard Applications
	- Pi System Plant Curiosity
	- >95% Connectivity
	- Improved Sensor Technology

Technical Capability & Passion

smart factory

by Kellogg's

Capability & Passion



Emili Angles



smart factory
by *Kellogg's*

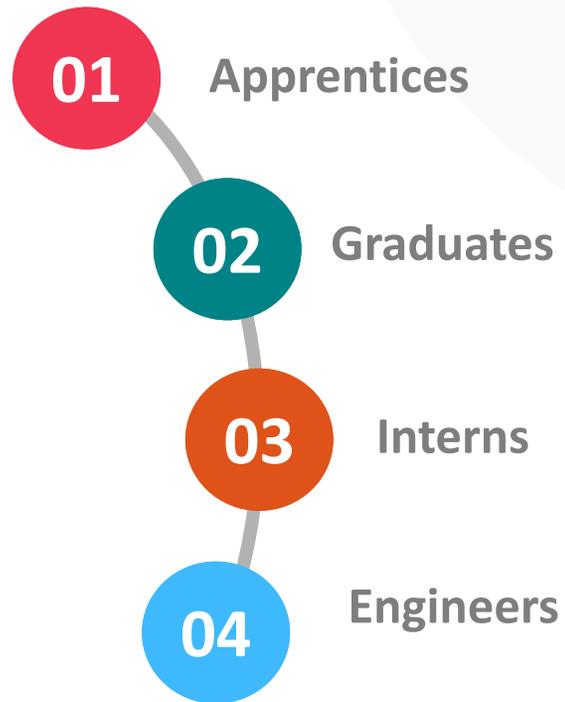
Capability & Passion

AVEVA PiSystem

The slide features a blue geometric pattern on the left side. In the top right corner, there are three blue icons: a factory, a leaf, and wavy lines representing water. The main title is 'Driving Sustainable Results in Energy Reduction'. Below the title, it says 'Presented by John Gothberg'. In the bottom right corner, there is a small cartoon mascot logo. The footer contains the OStsoft logo and 'USERS CONFERENCE 2016' on the left, and '© Copyright 2016 OStsoft, L.L.C.' on the right.



John Gothberg
@ PiWorld 2016



Operational Engagement & Adoption

smart factory
by Kellogg's

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

smart factory

by *Kellogg's*

Our Applications



NRC



PLA



PiVision

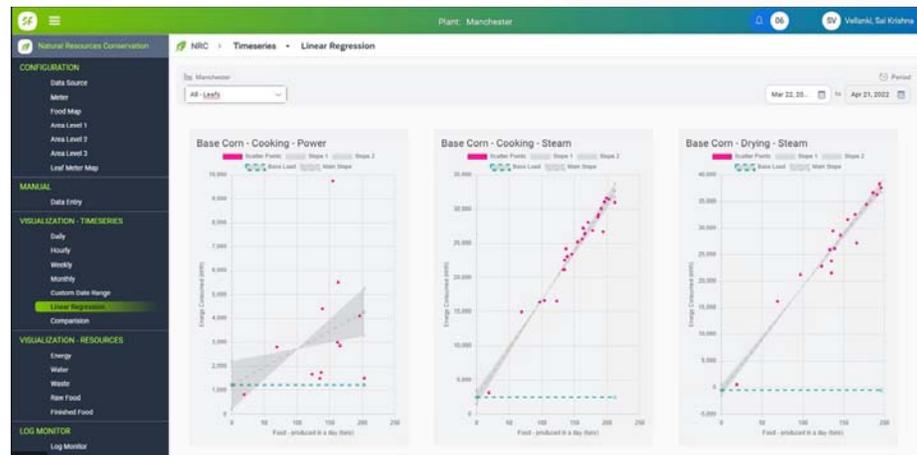
smart factory

by *Kellogg's*

Our Applications



PiVision



NRC

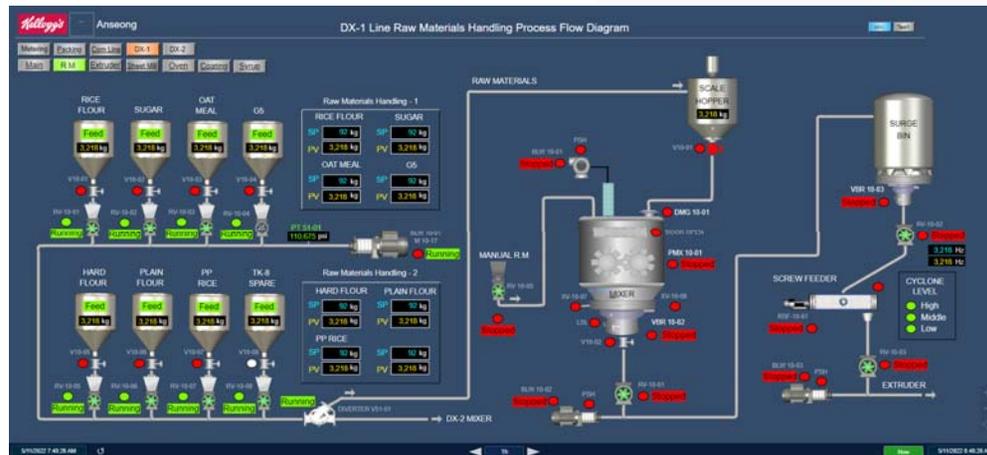


PLA

smart factory

by *Kellogg's*

Our Applications



smart factory

by *Kellogg's*

Key Points

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