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Operations Management at the Center of your Digital Thread

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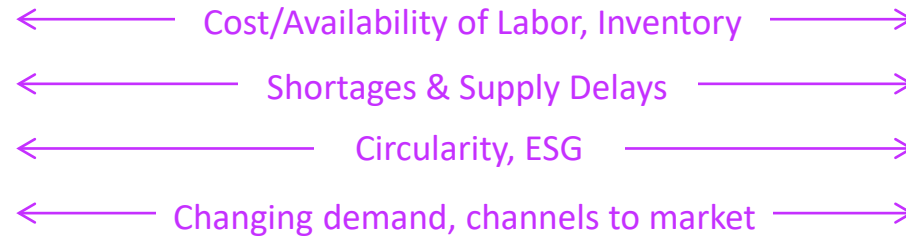
AVEVA

So, Why Do You Need a Digital Thread?

Current challenges

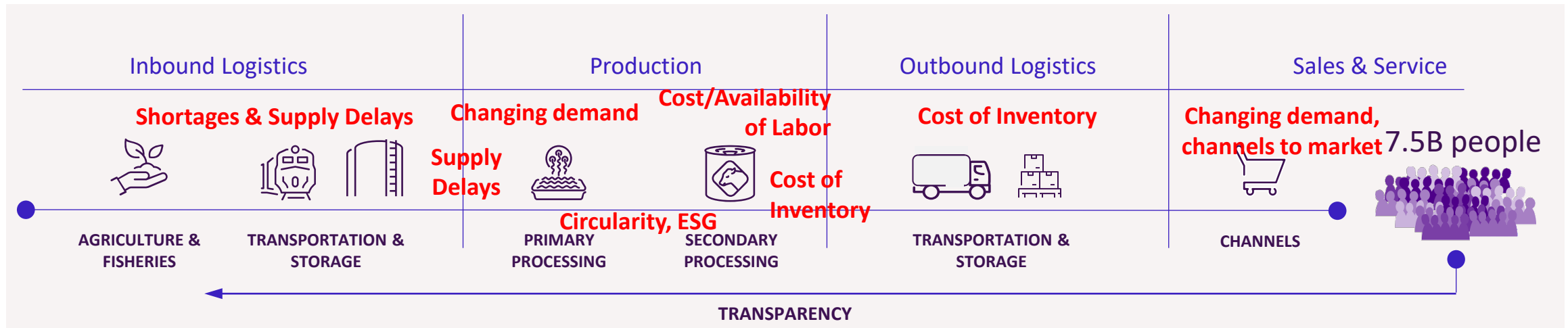
- Inflation
- Pandemic disruption
- Sustainability and provenance
- Consumer Preferences

Impacts

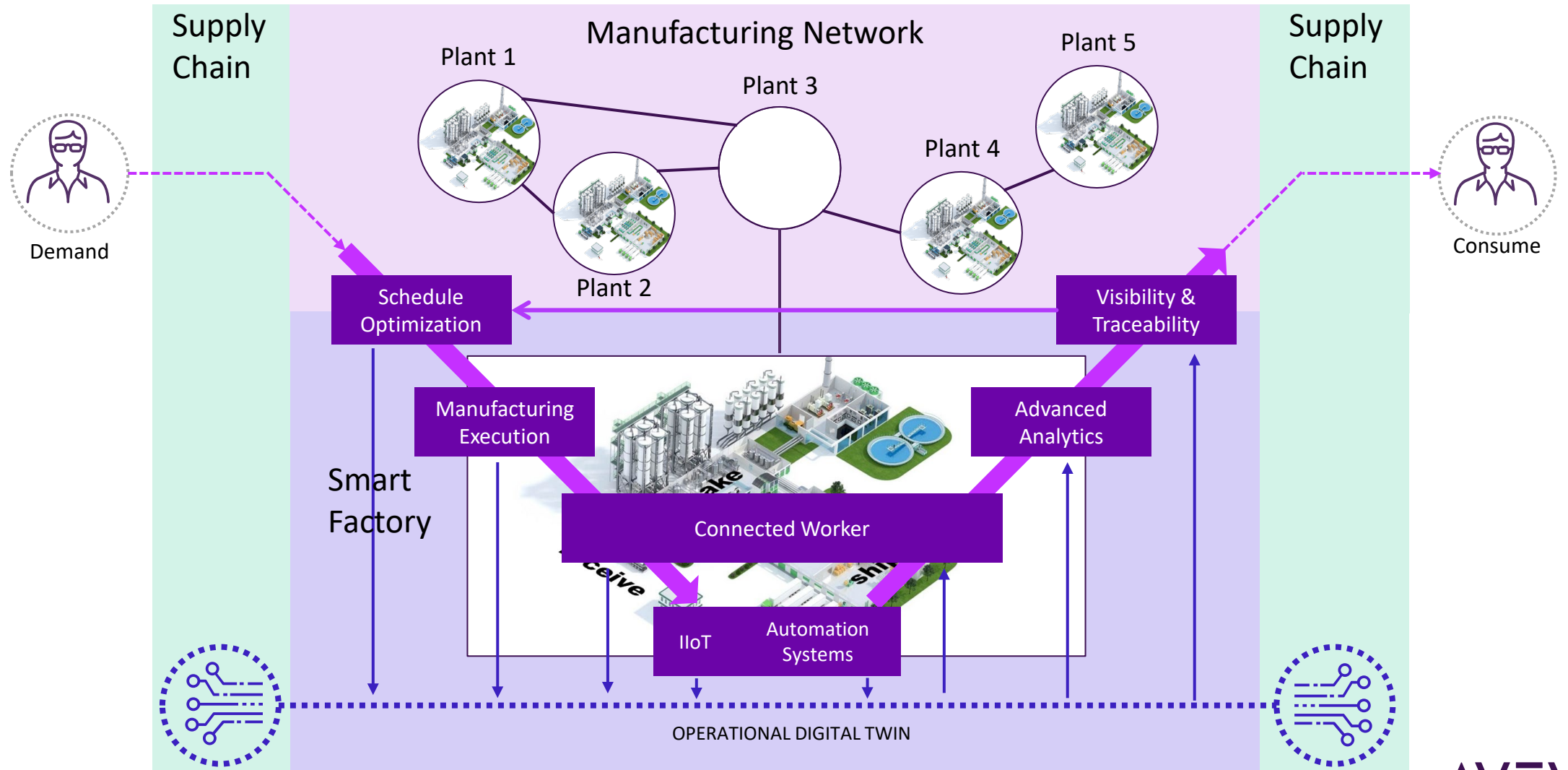


Transformation Imperatives

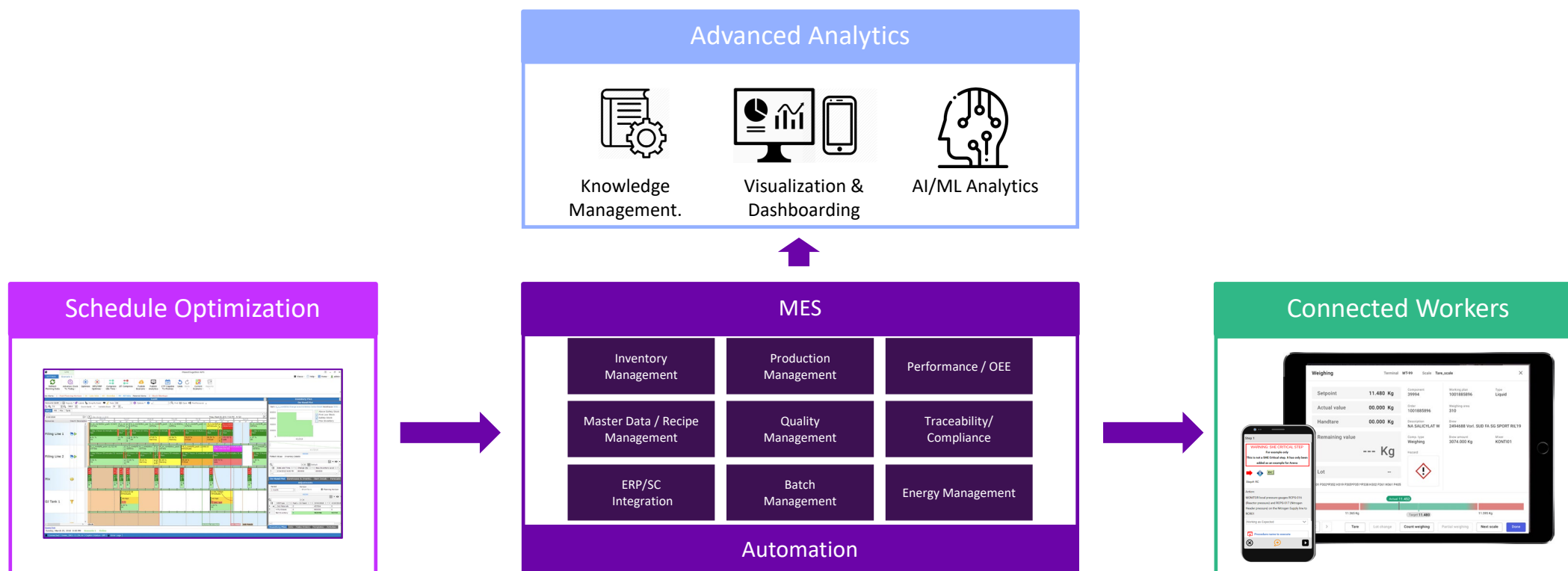
- Empower Workers
- Optimize Agile Operations
- Engage Customer
- Transform Offers



The Digital Thread for Manufacturing



Manufacturing Execution



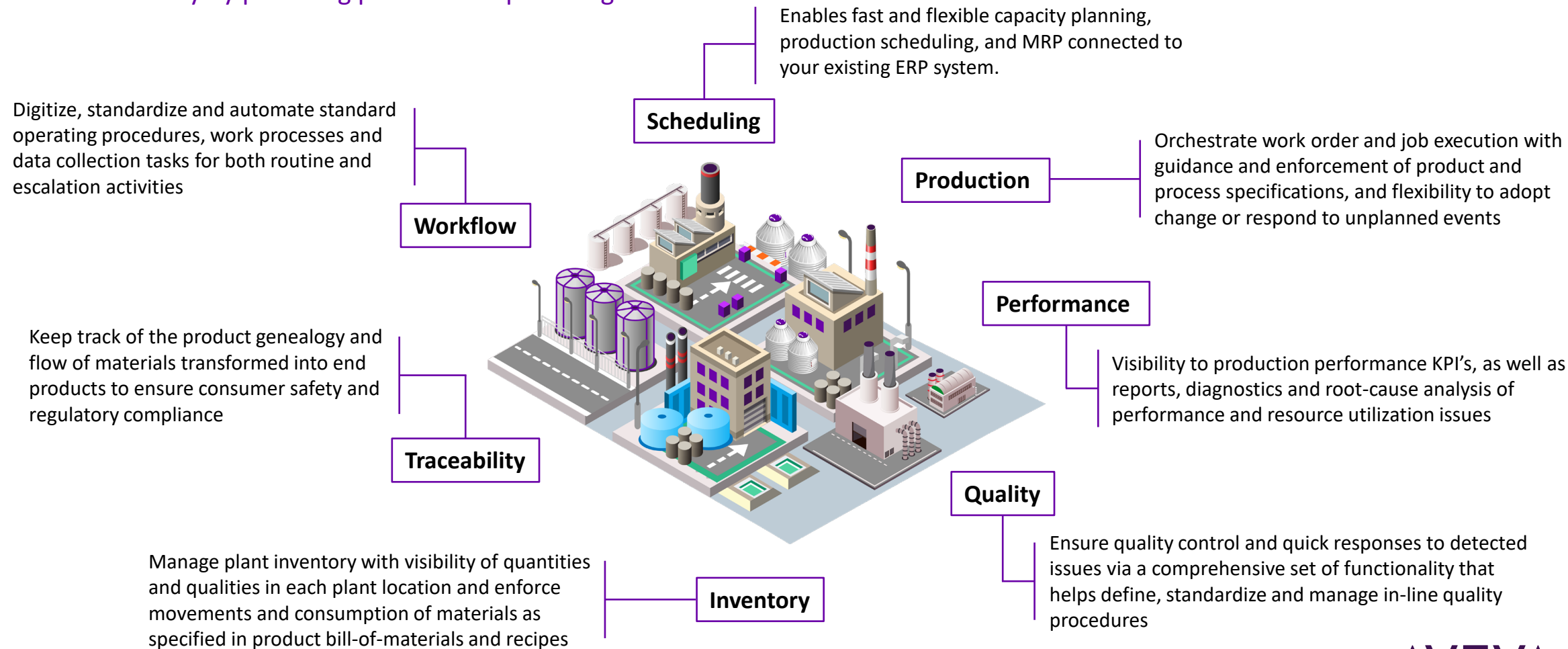
Collaborate between ERP, automation systems, operators and other manufacturing systems such as LIMS

Execute the plan to minimize waste and maximize productivity & eco-efficiency

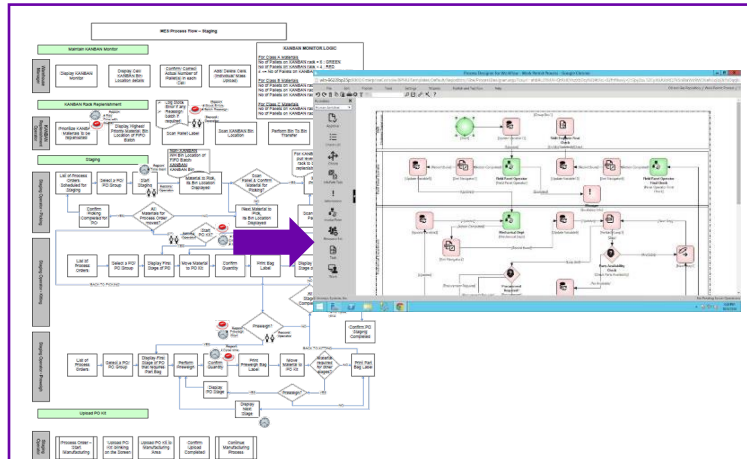
Monitor performance against the plan and standard KPIs that allow corrective action

Manufacturing Execution

Increase manufacturing flexibility while securing quality and consumer safety by providing product and process guidance



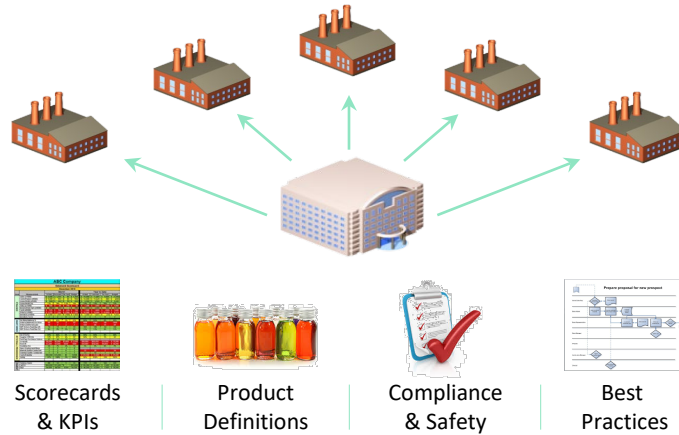
AVEVA's Model Driven Approach to MES



1

DIGITALIZE

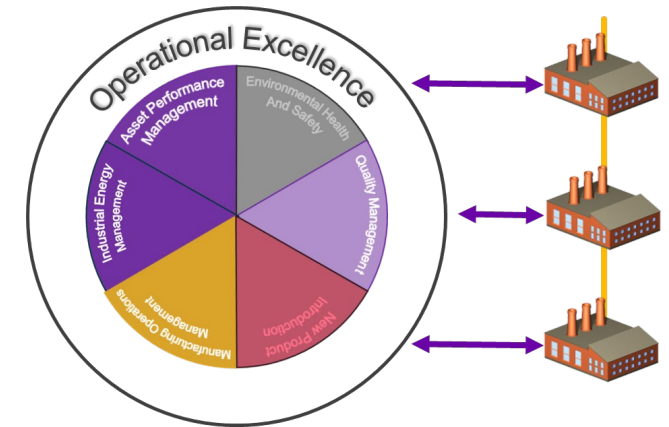
Capture manufacturing processes & collaborations and digitalize them using low code technology. Transform how work is done in the plant



2

STANDARDIZE

Manage best practices, KPIs, product specifications and compliance and safety between sites

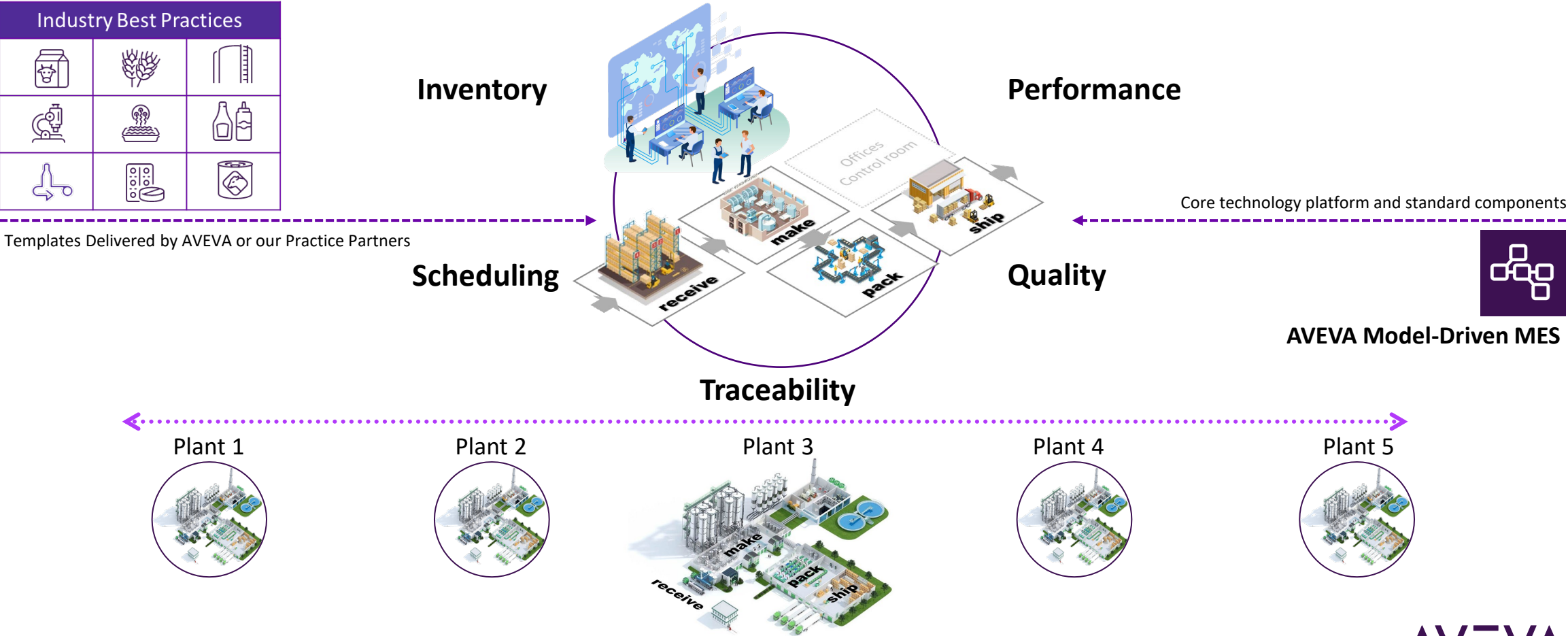


3

IMPROVE

Continuous improvement of processes based on rich data collection with governed change management

Implement Best Practices Across your Manufacturing Network



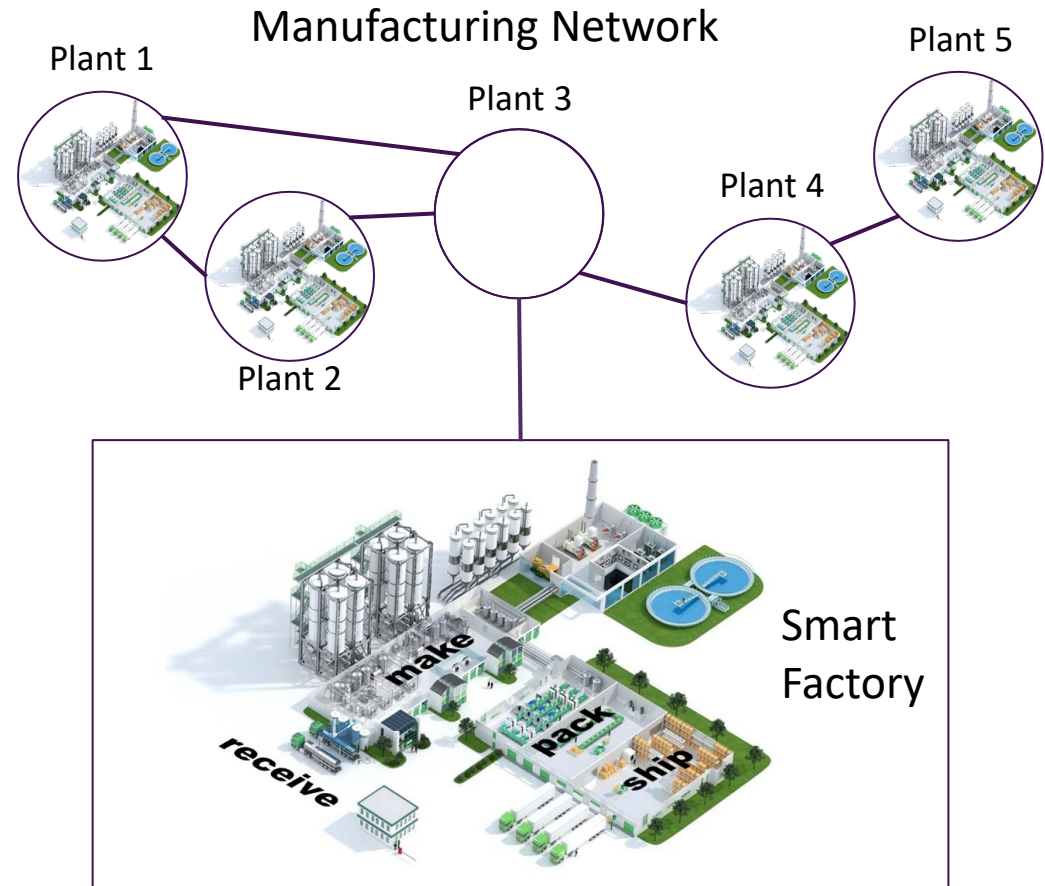
The Expected Benefits From AVEVA MES

Within a Smart Manufacturing network

- Reduced TCO
- More responsive and viable S&OPs
- Improved customer service
- More resilient sourcing and procurement

Within the Smart Factory

- Improved productivity
- Optimized production
- Agility and responsiveness to demand, NPI, formulation and packaging changes
- Improved quality and compliance
- Reduced WIP, waste and material handling costs
- Improved sustainability



The evolution of the MES offering

The 4 turning points

MES COMPLEX PROGRAMS

- Build functional templates to close the gap (products vs customer reqs)
- Customer needs and industry standards
- Help for SIs



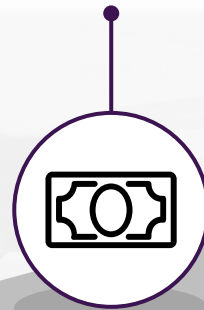
MES PARTNER PROGRAM

- Shorter time to value demands faster Delivery velocity
- Implementation best practices and consulting services
- SIs MES template training



SUBSCRIPTION ERA

- Initial cost relief
- Access to latest technology
- Self service control



INDUSTRIAL MANUFACTURING TECHNOLOGY

- UX /UI
- Cloud trend
- Hybrid architecture (lower TCOs)



TODAY

ROBUST SOLUTION

SUSTAINABLE OFFERING

***AVEVA Leader in MQ
by Gartner***

"The global MES market size is expected to grow from USD 13.0 billion in 2022 to USD 20.0 billion by 2027, at a CAGR of 9.0%"

M&M reports

AVEVA

MES programs: major references

Customers can rely today on AVEVA's expertise and its partners community

ERP interface for multi sites in dairy

Ongoing Global program on 8 plants
AVEVA provided the template

Rolled out by various Sis

Help transitioning to FLEX



Solution for primary areas in Coffee plants

Blueprint solution on primary coffee production

Solution delivered across the world for 12+ plants

Updated UI/UX in line with technology progresses



Across Business Units solutions

Energy monitoring for Laundry; Quality and operations for Adhesives

Partner for continuous improvement until 2030
Becoming the standard platform across 4 Bus



MES for specialized nutrition BU

Global template for 20 standard functions (co maintained by AVEVA and Danone)

Ongoing Deployment over 27 factories; by Sis.
Help transitioning to FLEX enterprise



"We had the ambition to develop a state-of-the-art MES and chose AVEVA as a strong and global partner to maintain and improve our core model". Danone – Head of supply chain Nutrition

AVEVA



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Questions?

Please wait for the microphone.
State your name and company.



Please remember to...


Navigate to this session in the mobile
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Thank you!

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AVEVA is a global leader in industrial software, sparking ingenuity to drive responsible use of the world's resources. The company's secure industrial cloud platform and applications enable businesses to harness the power of their information and improve collaboration with customers, suppliers and partners.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. With operations around the globe, we are headquartered in Cambridge, UK and listed on the London Stock Exchange's FTSE 100.

Learn more at www.aveva.com