



INDEFF

Countless parts.
One flow.



ISO 9001

QUALITY
MANAGEMENT

AVEVA

ENDORSED
System
Integrator

Endorsed Operate

INDUSTRIES

GLOBAL EFFICIENCY AMBASSADORS

Discover what we can
do for you:



FOOD & BEVERAGE



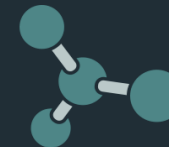
INFRASTRUCTURE



OIL & GAS



MANUFACTURING



LIFE SCIENCES



SPECIALITY CHEMICALS

WHO IS INDEFF

OUR MAIN COMPETENCES



**INDUSTRIAL
AUTOMATION**



**MANUFACTURING
EXECUTION SYSTEMS**



**MANUFACTURING
INTELLIGENCE**



**SYSTEM
ARCHITECTURE**



**MANAGED
SERVICES**



THE FOUNDATION OF OUR SUCCESS

AVEVA

**ENDORSED
System
Integrator**

Endorsed Operate

Strategy for AVEVA – our core business
 Everyday, Everyone – Every Project
 Best AVEVA application in Benelux (2004)
 1st ArchestrA Certified SI in EMEA (2004)
 1st Strategic SI Partner in EMEA (2007)
 1st Endorsed SI Partner in Benelux (2008)
 1st Endorsed SI multi regions, Europe, Middle East and ASEAN
 Participation in the Invensys Collaborative Service Delivery program
 Member of WonderClub – Wonderware Elite EURA
 Best MES Application award EMEA (2009)
 Best MES Application award EMEA (2010)
 Best Wonderware Application Middle East for Oil & Gas (2012)
 Best MES Breakthrough in Asia-Pacific (2015)
 Most Wonderware License Influence Global (2016)
 System Integrator of the Year ASEAN (2017)
 Model Driven MES Founding Member (2017)
 Award for Number of Certified Engineers (2018)
 Top Contribution Award ASEAN (2020)
 Top Accelerator Award ASEAN (2020)
 Top SI with Certified Engineers ASEAN (2020)
 Member of AVEVA Software Partner Board (2018-2021)
 Award for the Best Win GLOBAL (2022)
 Nominated for Best Solution Award GLOBAL (2022)
 Partner President's Summit Award GLOBAL (2022)
 More than 400 AVEVA Product Certifications

WHO IS INDEFF

INDEFF AROUND THE WORLD

IN NUMBERS

Since 2003
+1000 projects
11 offices
24/7 support



DIGITAL FACTORY



DIGITAL FACTORY WHY ?

To be continued....

DIGITAL FACTORY

WHAT ?

- ✓ Realtime Integration between Business and Factory
- ✓ Realtime Integration between People and Factory

DIGITAL FACTORY

WHAT ?

- ✓ Work order / Consumption / Inventory
- ✓ Bill of Material / Versions / Substitution
- ✓ Product Genealogy / Production Genealogy
- ✓ Quality / Samples / Corrective Actions / Lab
- ✓ Performance / Local / Global
- ✓ System to System

DIGITAL FACTORY

WHAT ?

- ✓ Asset Management
- ✓ Maintenance / Corrective / Preventive / Predictive
- ✓ Condition Based Monitoring
- ✓ Operator Work Rounds / Connected Worker
- ✓ Performance / Local / Global

DIGITAL FACTORY

WHAT ?

- ✓ Shift from Manual to Automatic Data Collection
- ✓ From Hours/Days to Realtime
- ✓ Single Source of Data
- ✓ Reports / Static / Dynamic
- ✓ Dashboards / KPI's
- ✓ Paperless

DIGITAL FACTORY BENEFITS?



DIGITAL FACTORY BENEFITS? EXAMPLES FROM OUR CLIENTS



DIGITAL FACTORY BENEFITS? EXAMPLES FROM OUR CLIENTS

- ✓ Reporting Turnaround Reduced (-50%)
- ✓ Reducing Downtime (-3%)
- ✓ Increased Efficiency (+10%)
- ✓ Water Reduction Targets Achieved



DIGITAL FACTORY BENEFITS? EXAMPLES FROM OUR CLIENTS

- ✓ Reduced Rework (-/+ 50%)
- ✓ Less Customer Complaints (-35%)
- ✓ Schedule Accuracy up to 97% (+9%)
- ✓ Improved business and factory data



DIGITAL FACTORY MORE THOUGHTS

- ✓ Employee Upscaling and Change Management
- ✓ Scope Definition / Expectations
- ✓ Use the AVEVA software
- ✓ Data is not Information
- ✓ 80/20





DIGITAL FACTORY NEXT ?

- ✓ Level 3.5 → AI
- ✓ Data Hub
- ✓ Enhancing – e.g. Advanced Planning & Scheduling
- ✓ And more !

DIGITAL FACTORY WHY ?

- ✓ Increased and more Complex Customer Portfolio
- ✓ Less Qualified People
- ✓ Guaranteed Product Quality
- ✓ Performance Measuring
- ✓ Global Manufacturing
- ✓ The value of data for everybody, you also
- ✓ Reducing Risk
- ✓ Sustainability
- ✓ Technology is available

**DIGITAL FACTORY
IS A KEY ENABLER
TO TAKE BUSINESS
AND PRODUCTION
DECISIONS BASED
ON REALTIME AND
ACCURATE DATA**



IN CLOSING

**THINK BIG
START SMALL
SCALE FAST**

Q & A

AT OUR BOOTH #5



THANK YOU

Countless parts.
One flow.

