

# THE SAP S/4HANA UNIVERSE

SAP S/4HANA is intended to enable companies to focus on the digital economy. For the change from old IT worlds into a new SAP S/4HANA universe, different solutions are available. We present six central applications that industrial companies should know:

## S/4HANA R&D

### Key Capabilities

- Enabling a multidisciplinary product definition
- What-if analyses and iterative design processes
- Real-time multilevel BOM exploration

### Benefits

- Achieving transparency and real-time access to product information across disciplines and throughout the product lifecycle
- Making better design decisions using SAP HANA analytics
- Executing engineering changes with full knowledge of downstream costs



## S/4HANA MANUFACTURING

### Key Capabilities

- Identifying and prioritizing most critical material issues, options, and consequences
- Faster execution provides more current and accurate view of material situation
- Providing enterprise-wide visibility across supply, production, inventory, and demand

### Benefits

- Faster reaction to demand changes
- Reducing manufacturing costs and stock-outs
- Lower inventory and safety stocks

## S/4HANA ASSET MANAGEMENT

### Key Capabilities

- Simulating of maintenance strategies with respect to cost, risk, and performance
- Predicting and preventing downtime by analyzing data generated by machines and sensors along with business data
- Proactively controlling risks and preventing incidents by leveraging analysis, simulation, and prediction techniques

### Benefits

- Real-time insight into asset performance to make timely, relevant decisions
- Combined evaluation of information technology (IT) and operational technology (OT) data
- One common view of process risks related to employees, assets, or the environment

## S/4HANA SUPPLY CHAIN

### Key Capabilities

- Mastering uncertainty – supporting supply and operations planning cycles with real-time data and what-if scenarios
- Being demand-driven – sensing short-term demand, responding quickly with fast planning, replanning, and simulation
- Responding efficiently – real-time and adaptive freight planning, truck visibility, and warehouse automation

### Benefits

- Higher inventory turns and revenues, reduced stock-outs, and revenue loss
- Higher on-time delivery, reduced order lead times, using inventory more efficiently as a better buffer against uncertainty
- Reduced warehouse and transportation spend, improved flexibility, and lower customer order cycle times

## S/4HANA Sourcing & Procurement

### Key Capabilities

- Securing many-to-many networked collaboration with trading partners
- Consumer-grade usability and mobility
- Full source-to-pay processes, including spend analysis, sourcing, contract management, supplier management, procurement, invoice management, and payables management

### Benefits

- Increased profitability derived from employee compliance and sustainable cost savings
- Effortless user experiences with unprecedented transparency into spend, enabling companies to Run Simple
- Reduced total cost of ownership (TCO) due to less data replication, reduced effort for system setup and operation, and reduced data footprint

