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:
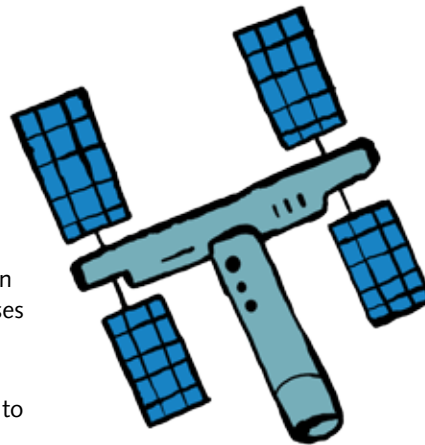
S/4HANA R&D

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
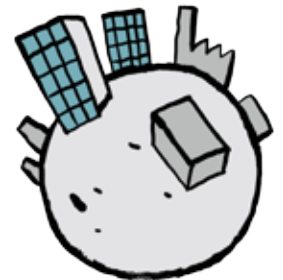 - Lower inventory and safety stocks

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 Finance

Key Capabilities
- Ensure one source of the truth for finance and operational data
- Real-time oversight into finance processes, finance and managerial accounting results
- Prediction, simulation and what-if analysis for continuous finance and business planning

Benefits
- Enterprise-wide consistency and minimized errors need for reconciliation
- Instant insight to enable timely and relevant decisions, with no lag time
- Evaluation of the financial implications of strategic business decisions

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