



SAP BW/4HANA Road Map

April 2018

CUSTOMER

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For all recent and planned innovations, potential data protection and privacy features include simplified deletion of personal data, reporting of personal data to an identified data subject, restricted access to personal data, masking of personal data, read access logging to special categories of personal data, change logging of personal data, and consent management mechanisms.

About SAP road maps

Companies today are planning their digital journeys – transforming business models, reengineering business processes, and reimagining work.

SAP road maps highlight innovations that may help you plan and implement your digital journey. They span products relevant to lines of business in your industry and explain how our innovations may add value to your business.

In our road maps, you can learn about our innovations along four different timelines:

1. **Recent innovations** for our products that have been launched in the past weeks or months and can already be purchased
2. **Planned innovations** for our products that are intended to be launched in the short term or midterm
3. **Product direction**, providing a long-term perspective on high-level development plans for innovations for our solutions – inspired by your requirements
4. **Product vision**, providing a high-level and long-term business perspective on innovations for our products

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SAP BW/4HANA

Product description

SAP BW/4HANA is a cornerstone in SAP's enterprise data warehouse strategy and architecture. It is a model-driven solution that enables the next generation of modern enterprise data warehouses and provides a robust and agile platform for your end-to-end analytics strategy.



Simplicity

- Simplified data structures
- Simplified data flows
- Data lifecycle management



Modern interface

- New business user UX
- New modeler UX
- New administrator UX



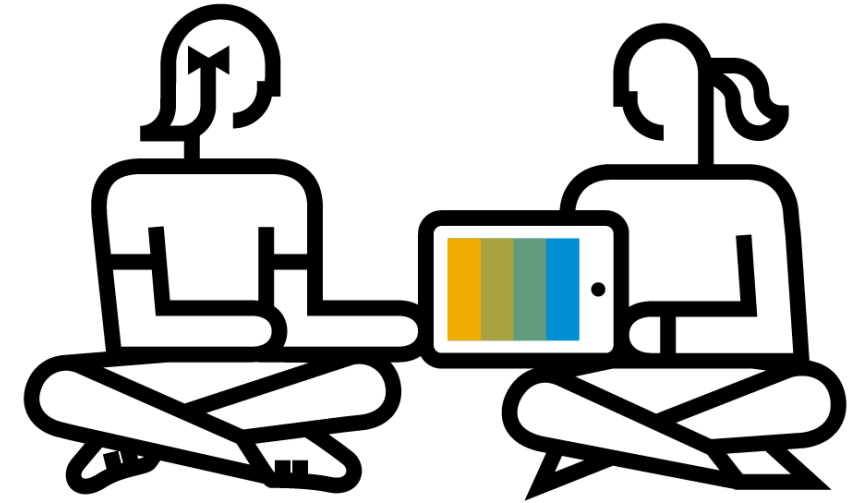
High performance

- In-memory data warehousing
- Algorithm pushdown
- Advanced analytics



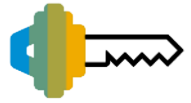
Openness

- Native SQL access
- Simplified data integration
- Consolidated source systems



SAP BW/4HANA

Product description



Key capabilities

- **Simplicity:** Reducing complexity to allow faster, more efficient responses to today's dynamic environment
- **Modern interface:** Increasing productivity and reducing training requirements
- **High performance:** Providing interactive analysis and enabling new types of analyses
- **Openness:** Allowing integration and leveraging of existing assets and new technologies



SAP BW/4HANA

In the data warehouse solutions product portfolio

While there is technically no product portfolio for data warehouse solutions from SAP, there is a de facto one consisting of tools and technologies that enable all styles of analytics:

- For those favoring an application-based approach to the enterprise data warehouse (EDW), SAP offers the following products:
 - SAP Business Warehouse for organizations that would like to run their data warehouse on one of the industry-standard database platforms other than SAP HANA
 - SAP Business Warehouse powered by SAP HANA for organizations that have chosen SAP HANA as their platform but may not yet be ready to convert all of their existing BW objects to the new objects
 - SAP BW/4HANA for organization that are new to data warehousing, or who are ready to convert all their existing BW objects to the new objects
- For those who prefer the SQL-centric approach to the EDW, SAP offers a set of tools and technologies integrated with the SAP HANA platform to facilitate building a native data warehouse on SAP HANA including:
 - The enterprise information management capabilities of SAP HANA for data integration and quality management
 - The SAP HANA extended application services engine for building complex applications logic
 - SAP HANA application lifecycle management
 - SAP PowerDesigner for conceptual, logical, and physical data modeling

SAP BW/4HANA

Key trends, customer needs, and value proposition

Key trends

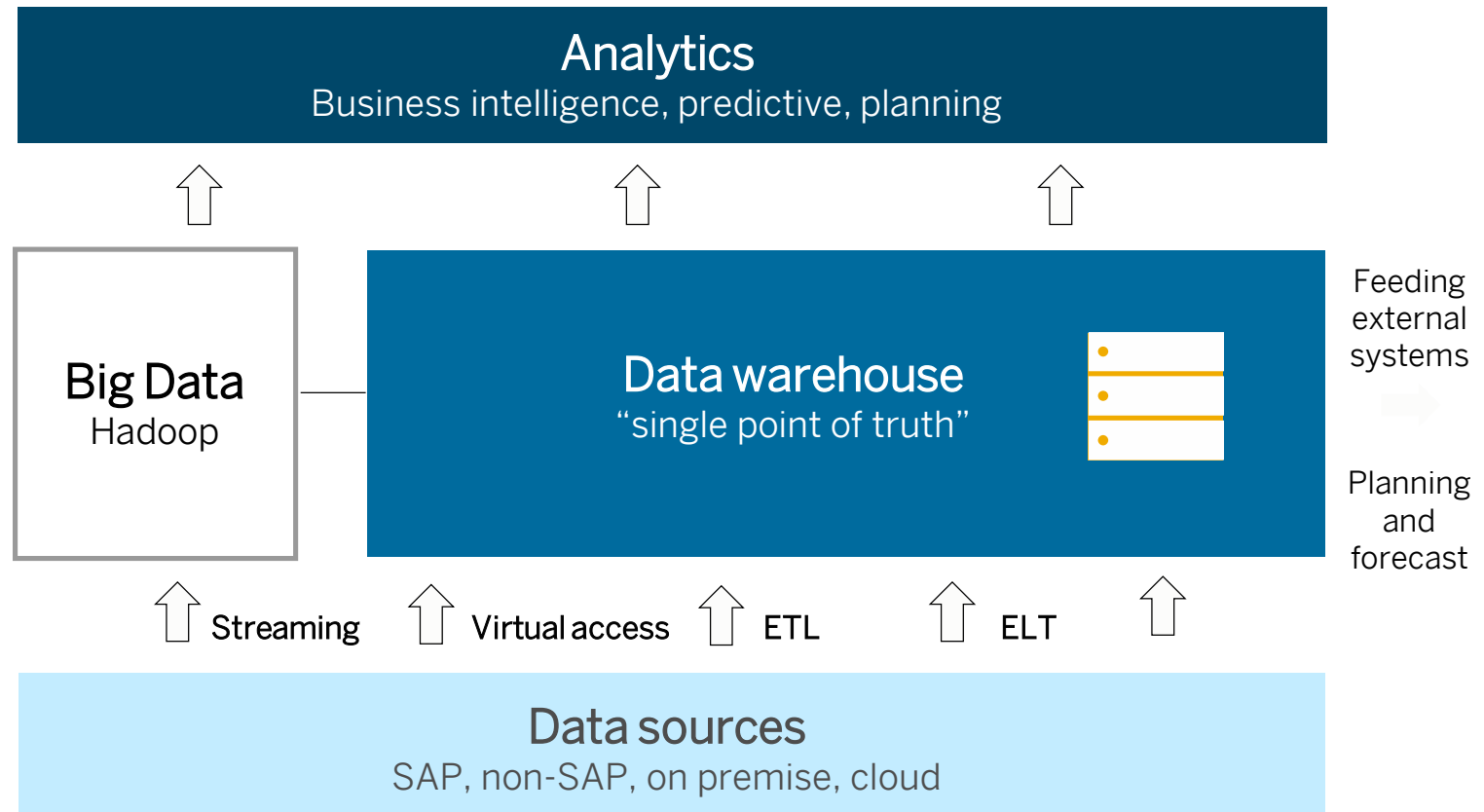
- New types of data – behavioral data and the Internet of Things
- Growing data volumes – petabytes with a two-digit annual growth rate
- New data locations – cloud and data lakes
- Higher customer expectations toward agility and advanced analytics

Characteristics of solution

- Consolidation of data across the enterprise
- Standardized data model
- Support for decision-making

Main tasks

- Define common semantics
- Harmonize data values
- Establish a “single version of truth”
- Provide a single, comprehensive source of current and historical information



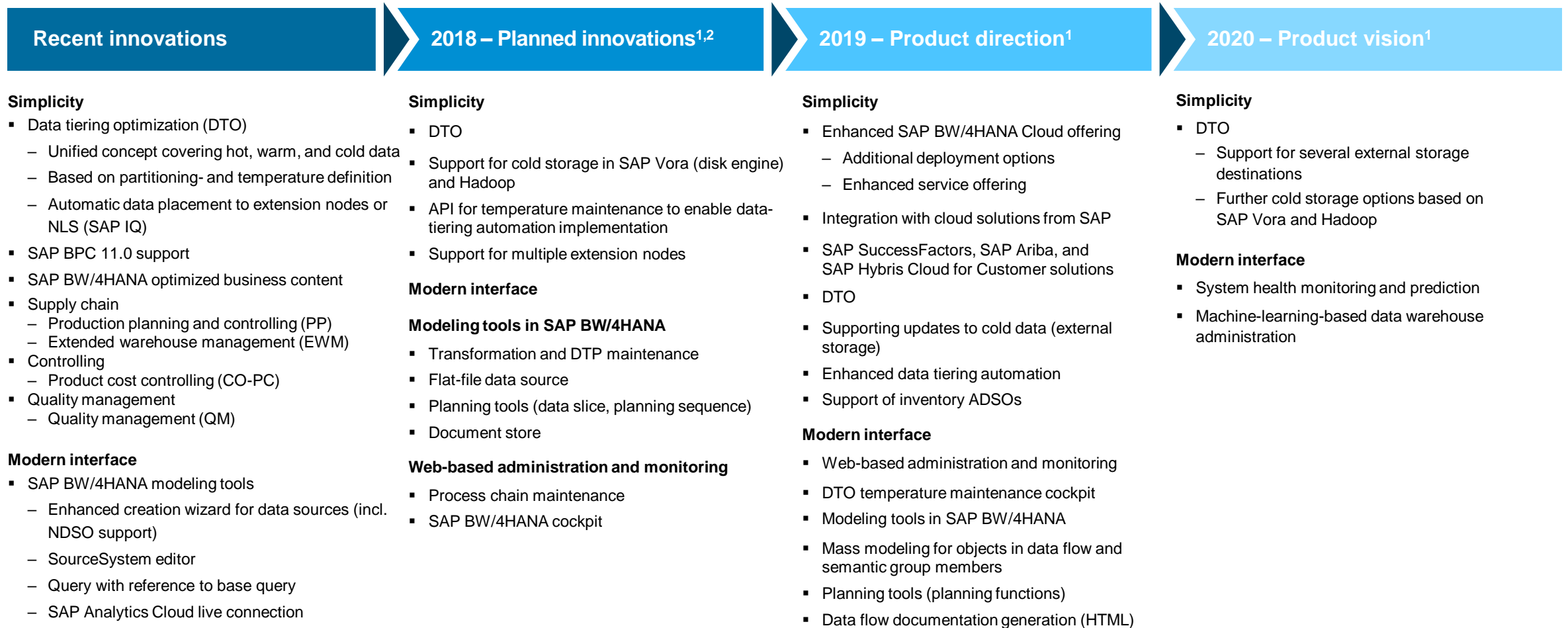
SAP BW/4HANA

Product or portfolio areas of future investment

- Vision: Enabling the logical data warehouse across platforms
- Enhanced SAP BW/4HANA Cloud offering
 - Additional deployment options
 - Enhanced service offering
- Cloud, multicloud, and on-premise hybrid data warehouse architecture and best practices
- Intelligent data warehouse with machine learning and automated system health monitoring and prediction
- Further integration with SAP Data Hub and Big Data
- Further reduced total cost of ownership (TCO) with data tiering optimization (DTO)
 - Support for several external storage destinations
 - Further cold storage options based on SAP Vora and Hadoop

SAP BW/4HANA

Product road map overview – key themes and capabilities (1)

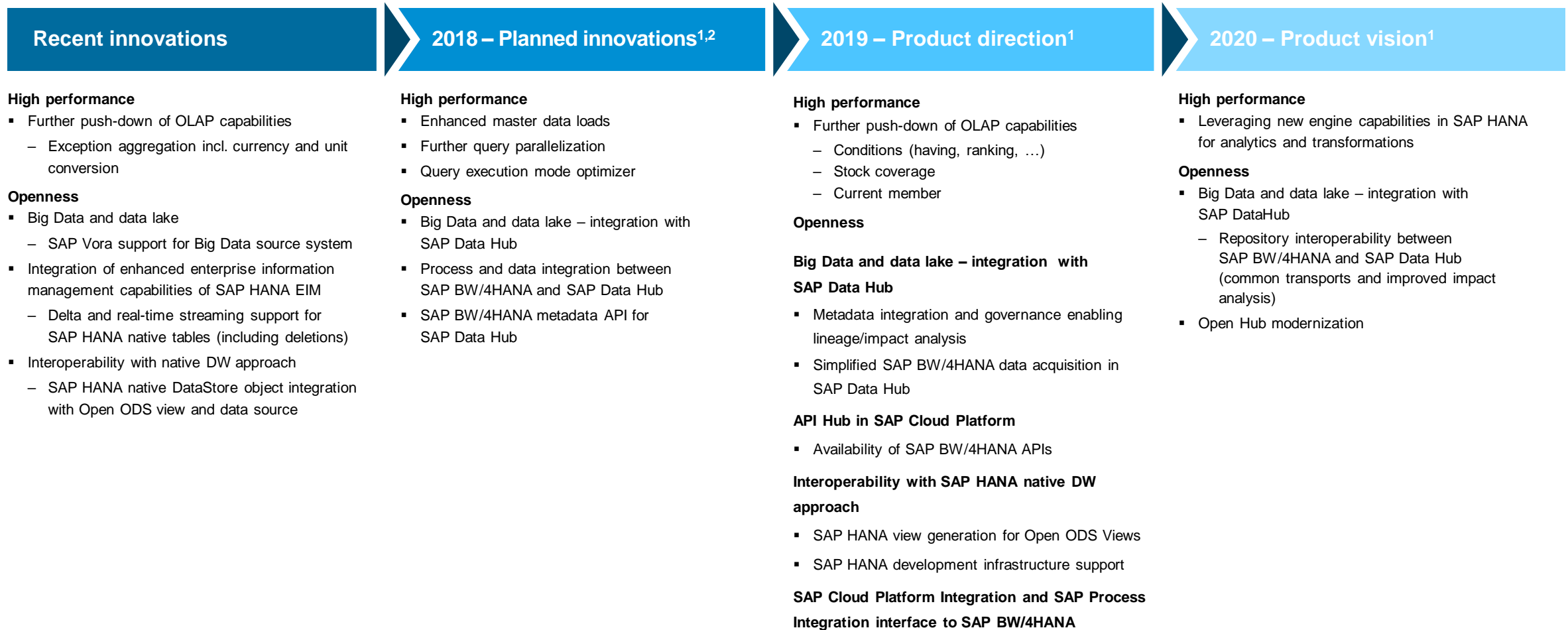


1. This is the current state of planning and may be changed by SAP at any time without notice. 2. Planned innovations for SAP BW/4HANA were delivered with SP08 in March 2018.

Release 1.0

SAP BW/4HANA

Product road map overview – key themes and capabilities (2)

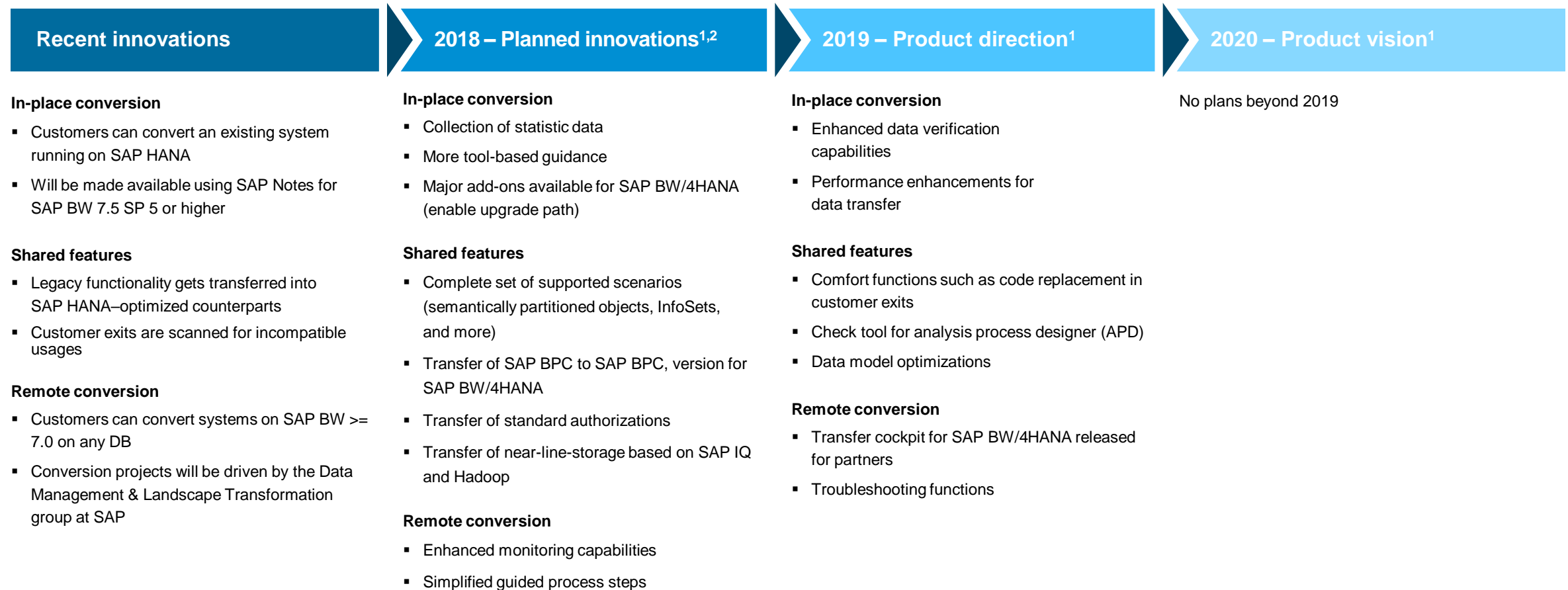


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Release 1.0

Transfer cockpit for SAP BW/4HANA

Product road map overview – key themes and capabilities



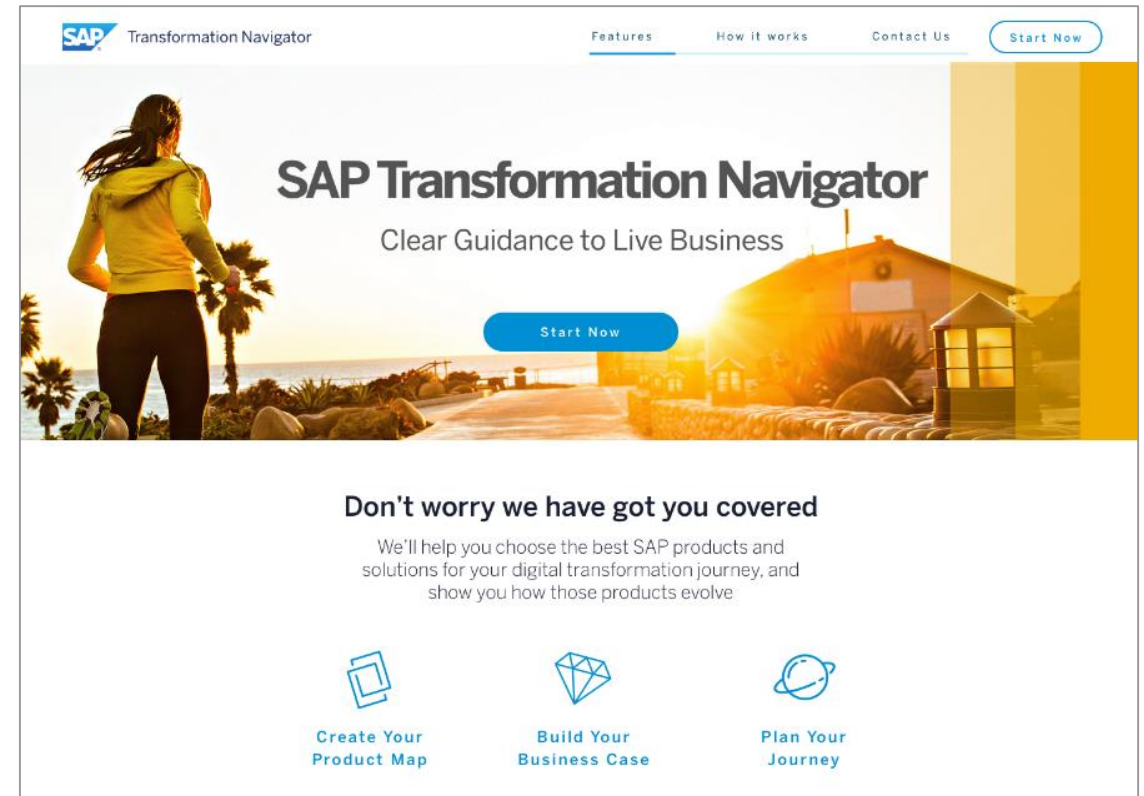
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SAP Transformation Navigator

Our customers are asking for clear guidance for their digital journey to reimagining business models, business processes, and how their people work.

The self-service SAP Transformation Navigator tool recommends an SAP S/4HANA–centric product map based on the products a customer is currently using and on their business and IT priorities.

SAP Transformation Navigator builds on SAP road maps and produces an individualized document that highlights business value, shows integration from SAP S/4HANA to our cloud solutions, explains available transformation services, and provides license information for additional products and solutions.



Discover [SAP Transformation Navigator](#)* for guidance to your future SAP S/4HANA–centric product map.

*Accessible to all internal users and S-users as of May 15, 2017

Learn more

SAP customers and partners

- ▶ [SAP Road Maps](#)
- ▶ [SAP Community](#)
- ▶ [IT Planning Resources](#)
- ▶ [Innovation Discovery](#)
- ▶ [SAP Transformation Navigator](#)
- ▶ [SAP User Groups](#)
- ▶ [SAP BW/4HANA Landing Page](#)
- ▶ [SAP BW/4HANA Community/Product Page](#)
- ▶ [SAP BW/4HANA Documentation](#)
- ▶ [SAP Best Practices](#) for in-place system conversion to SAP BW/4HANA



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