



SAP Integrated Business Planning Road Map

February 2019

PUBLIC

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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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- Value proposition

Product innovations

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- SAP Integrated Business Planning for sales and operations
- SAP Integrated Business Planning for demand
- SAP Integrated Business Planning for inventory
- SAP Integrated Business Planning for response and supply
- Planned integration capabilities summary for SAP Integrated Business Planning

SAP Integrated Business Planning

Product description

Powered by SAP HANA in-memory technology, this real-time supply chain planning solution combines capabilities for strategic, tactical, and operational planning. Take advantage of powerful supply chain algorithms, analytics, what-if simulation, alerts, and more – in the cloud.

SAP Supply Chain Control Tower

- End-to-end visibility into your entire supply chain, including alerting, decision support, and fast corrective actions
- Business network collaboration processes, including supplier forecast collaboration with SAP Ariba Supply Chain Collaboration for Buyers

Sales and operations planning

- Flexible, unified data model across demand, finance, and supply chain to support strategic and tactical planning at any level of granularity and dimension

Demand planning and demand sensing

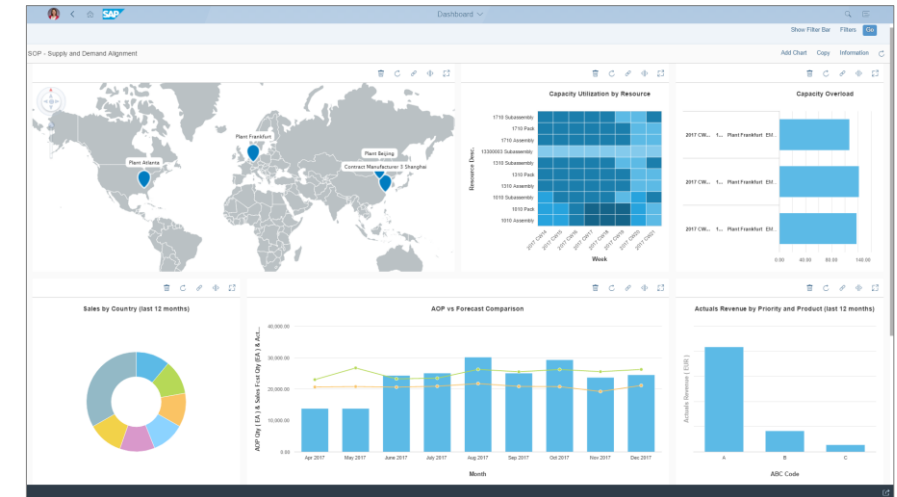
- Development of more-accurate statistical forecasts and consensus demand plans, combining mid- and long-term planning horizons with short-term demand-sensing capabilities

Inventory optimization

- Prescribing total inventory targets to maximize profit while buffering for uncertainty
- Coordination of multistage inventory plans across complex global supply chain networks
- Support for the demand-driven MRP (DDMRP) methodology – for example, by calculating buffer levels and recommending decoupling points

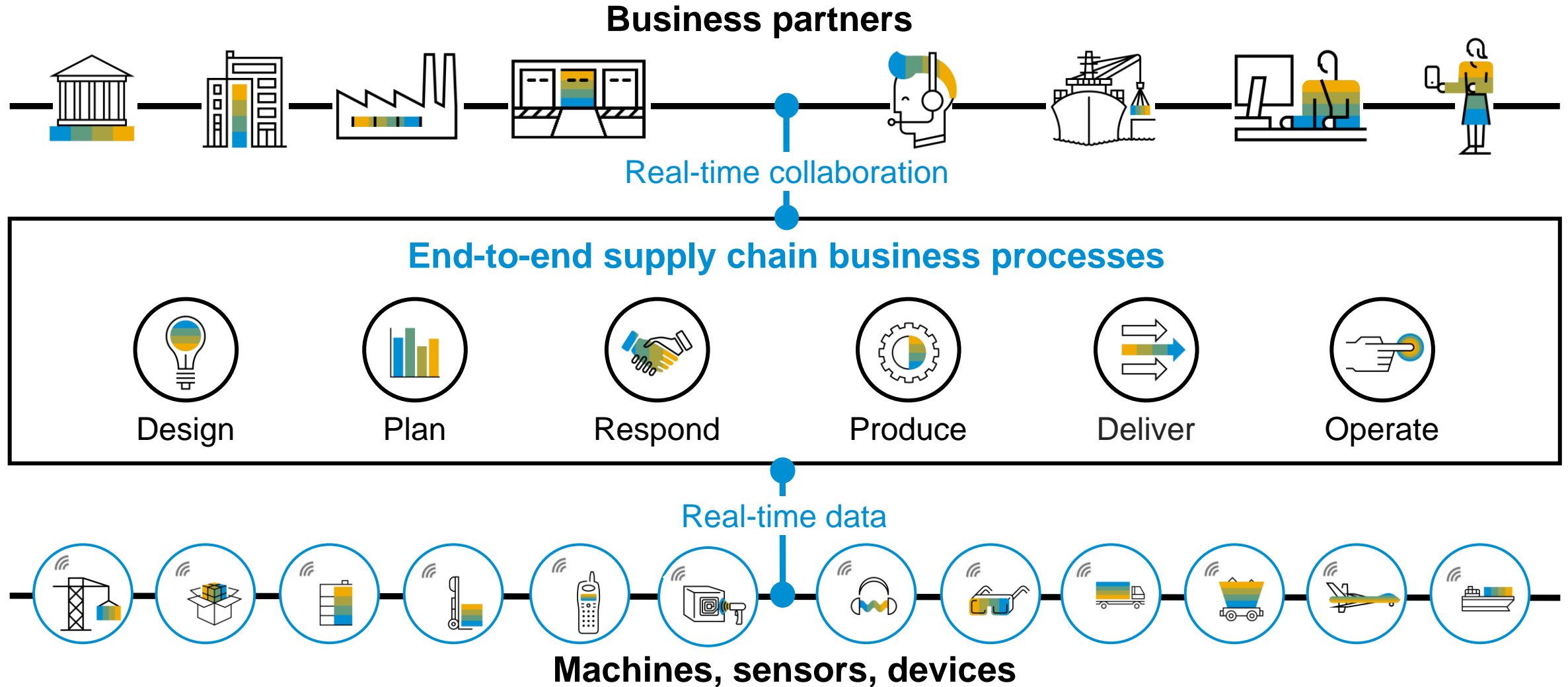
Response and supply planning

- One solution for tactical (rough cut) supply planning, as well as operational response and supply planning
- Constrained and unconstrained supply planning, order-based supply and allocations planning, response planning, and deployment planning



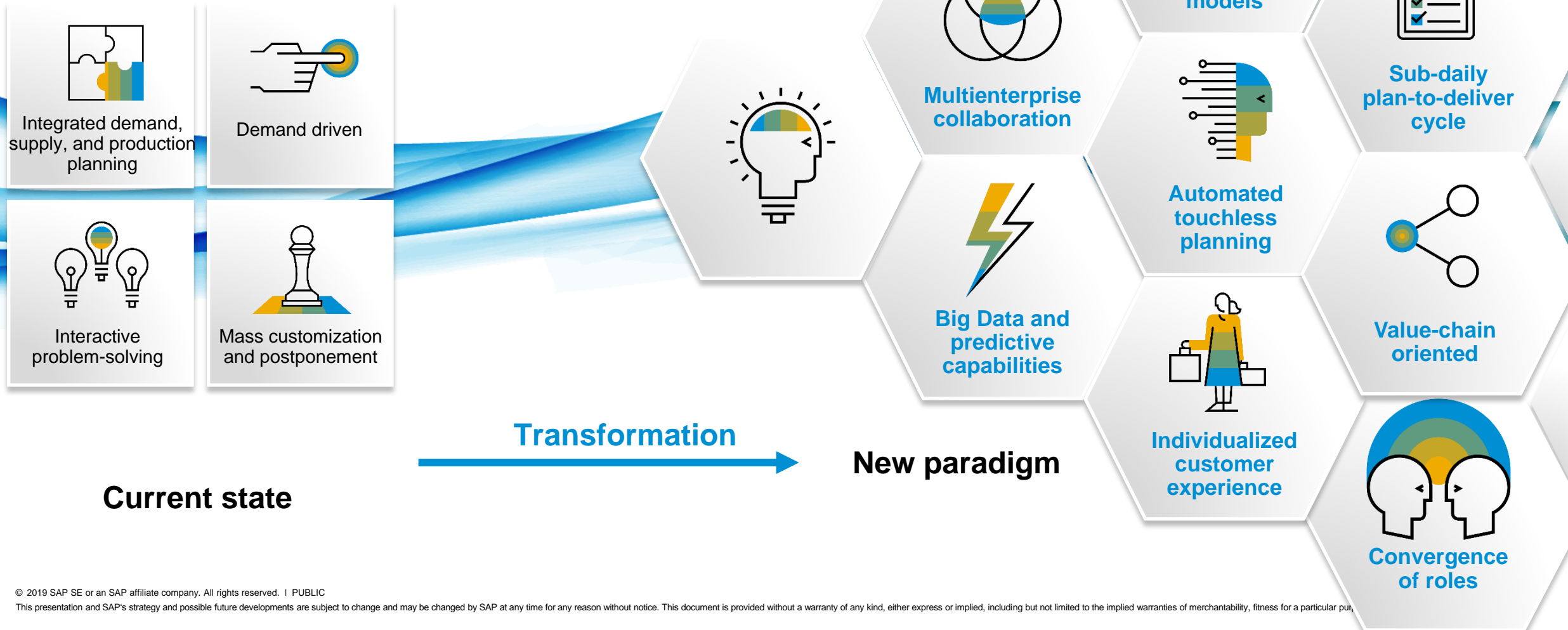
SAP Integrated Business Planning

In the digital supply chain product portfolio from SAP



SAP Integrated Business Planning

The **evolution** of planning



SAP Integrated Business Planning

Key trends, customer needs, and value proposition

Productivity

Easier



- Real-time insight and monitoring
- Social collaboration for transparent communication and record decisions
- Process automation and management by exception

Strategy

Smarter



- Smart algorithms leveraging machine learning
- Integrated business processes and value chain

Responsiveness

Faster



- Shorter, real-time planning cycles
- What-if scenario simulation and analysis
- Fast adoption of new innovations to remain competitive

**Simplified user experience
and automation**

**Digital transformation and
business networks**

**Flexibility, agility, and
innovation**

SAP Integrated Business Planning

Product areas of future investment

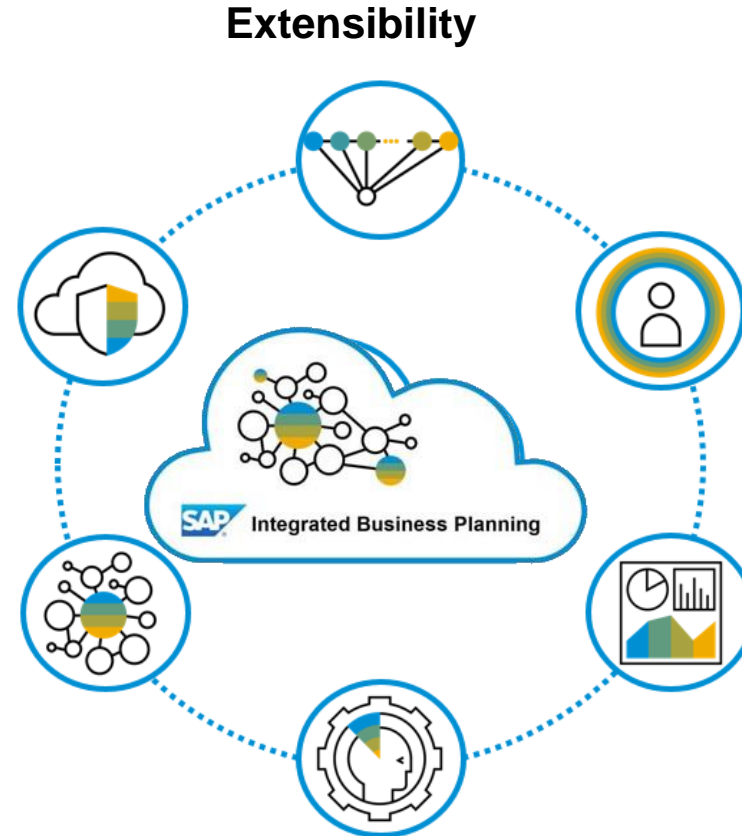
Product
direction

Cloud operations

- Scaling and performance
- Security
- Test automation
- Monitoring

Integration and business network collaboration

- Flexible and robust integration
- Near real-time integration
- Collaborative enterprise planning (SAP Analytics Cloud)
- Supplier and customer collaboration



Extensibility

Usability

- Web-based planning
- Advanced visualization
- Embedded analytics
- Flexible modeling and configuration

Advanced planning

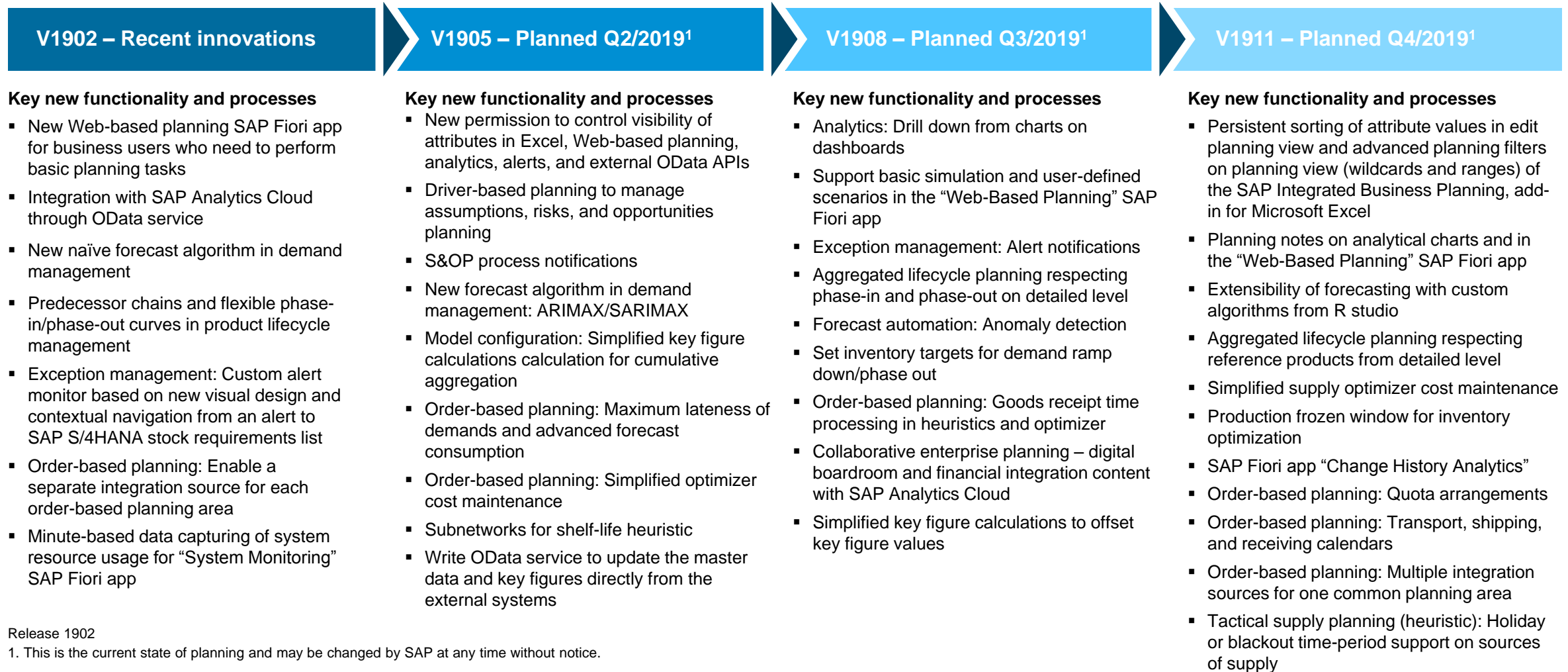
- Seamless planning processes
- Operational supply planning
- Demand-driven MRP
- Industry-specific support

Intelligence and automation

- Machine learning
- Decision support
- Process automation

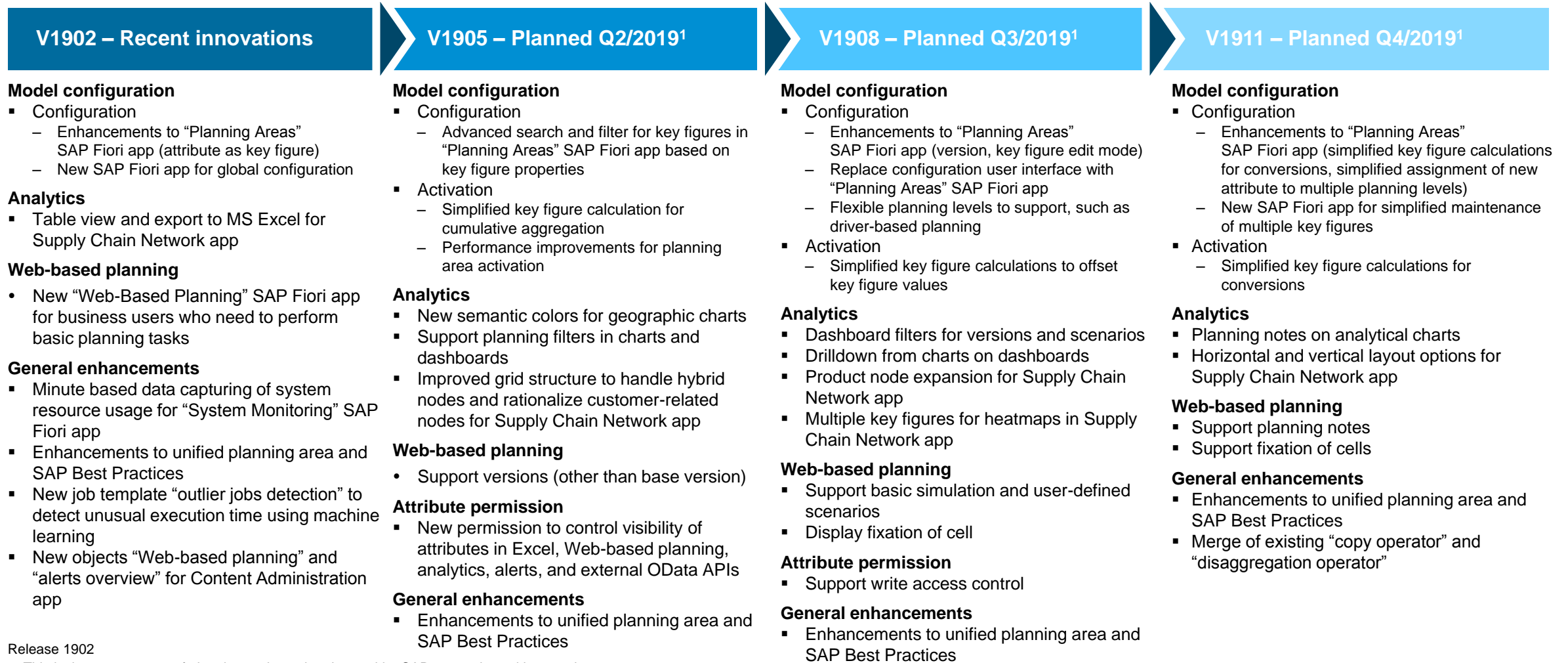
SAP Integrated Business Planning

Product road map highlights



SAP Integrated Business Planning, foundation and platform

Product road map overview – Key themes and capabilities



Release 1902

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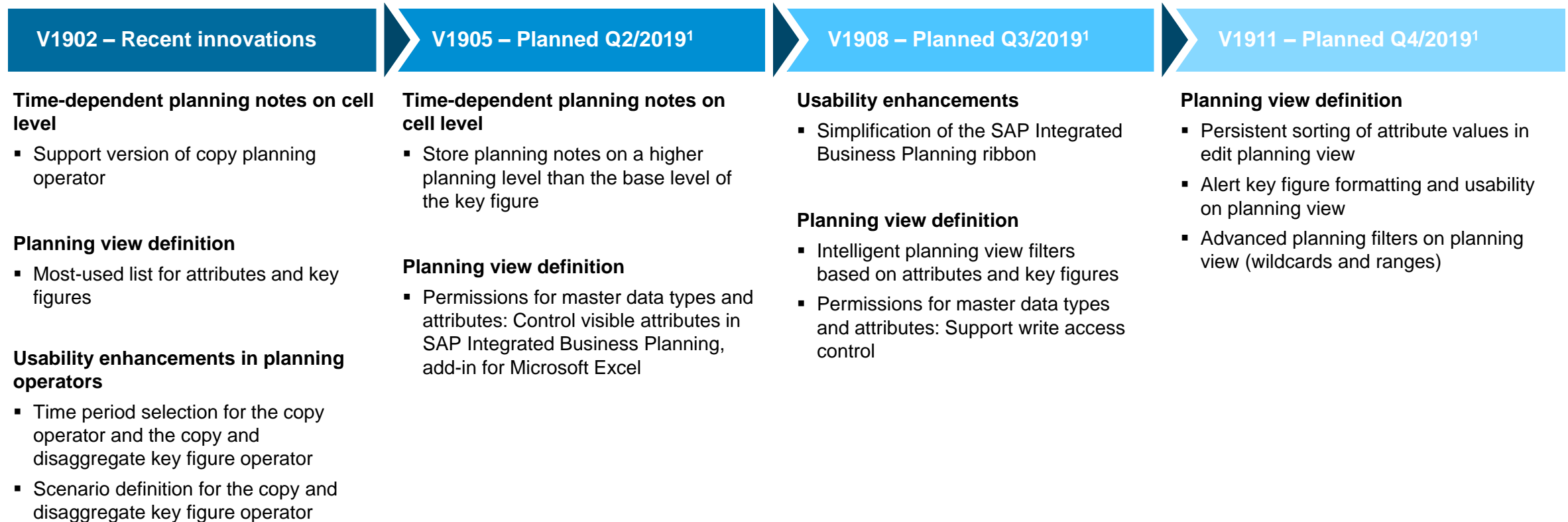
SAP Integrated Business Planning, foundation and platform

Direction update

- Simulation mode for SAP Fiori app for key figure calculations
- Calendars
- Further simplified key figure calculations, such as last period aggregation
- Test automation for customers
- Extended industry support
- Planning object maintenance
- Usability and feature enhancements in foundation

SAP Integrated Business Planning, add-in for Microsoft Excel

Product road map overview – Key themes and capabilities



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SAP Integrated Business Planning, add-in for Microsoft Excel, V1905

Upcoming midterm innovations

Time-dependent planning notes on cell level

- Ability to store planning notes on a higher planning level than the base level of the key figure, to support use cases where the planning notes are used on a very high aggregation level but where this information does not need to be disaggregated down to the lowest level

Permissions for master data types and attributes

- Control visible attributes in SAP Integrated Business Planning, add-in for Microsoft Excel – for example, one user is allowed to see a certain master data attribute, while others are not allowed to see it

SAP Integrated Business Planning, add-in for Microsoft Excel, V1908 and V1911

Upcoming long-term innovations

Usability enhancements

- Simplification of the SAP Integrated Business Planning ribbon
- Alert key figure formatting and usability on planning view, such as additional formatting options including cell background color, copying to scenarios, and more

Planning view definition

- Ability to keep a persistent, user-defined custom sorting – for example, of the attributes within the planning view filters and wildcards
- Extending filter options in SAP Integrated Business Planning, add-in for Microsoft Excel, with wildcard characters and ranges
- Intelligent planning view filters based on attributes and key figures
 - When attributes are chosen, the system will indicate which key figures are available for the selected attributes/planning levels
 - When key figures are chosen, the system will indicate which time profile and which attributes/planning levels are available for the selected key figure

SAP Integrated Business Planning, add-in for Microsoft Excel

Direction update

Planning filters

- Sharing of planning filters: Possibility for end users to share their planning filters directly within SAP Integrated Business Planning, add-in for Microsoft Excel
- Folders for planning filters: Group planning filters in folders, similar to the folders in the templates/favorites area
- Planning workbook filter: Apply attribute filters across all sheets of a workbook at once

Time-dependent planning notes on cell level

- New mass-maintenance planning view that provides an overview around the planning notes in the system, allowed editing and deleting of multiple planning notes on one screen

Refresh all sheets in a workbook at once, such as when opening a planning view template or favorite

Custom grouping of attributes and key figures, such as in the *Edit Planning View* window, improving usability

- Group attribute and key figures based on business usage

Side panel

- Quickly change the layout and definition of the planning views from an SAP Integrated Business Planning side panel

Pivot-alike functionality

- Create your own pivot tables on top of data from SAP Integrated Business Planning

Calling SAP Integrated Business Planning functions from VBA code

- Provides further extensibility options for the customers, and could also be used to create custom automated tests

Master data workbook

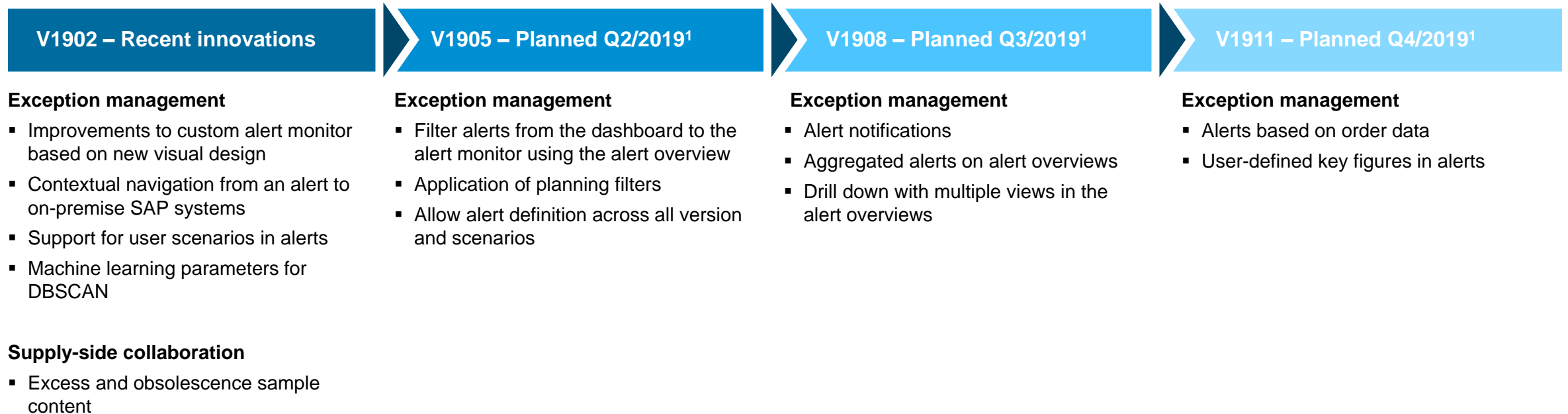
- Define the order of the attributes, formatting, and more

Key figure expansion on planning view

- Expand key figure list based on input key figures
- Expand key figure list based on custom groups

SAP Supply Chain Control Tower

Product road map overview – Key themes and capabilities



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SAP Integrated Business Planning V1902

Recent innovations – SAP Supply Chain Control Tower

Exception management

- Navigation from an alert to the SAP on-premise systems, passing the attributes of the alert to the transaction
- Improvements to the custom alert monitor to improve usability
- Support for user scenarios in alerts
- Editing of machine learning parameters for DBSCAN, including cluster radius and minimum points per cluster

Supply-side collaboration

- Excess and obsolescence sample content

SAP Integrated Business Planning V1905

Upcoming midterm innovations – SAP Supply Chain Control Tower

Exception management

- Filter alerts from the dashboard to the alert monitor using the alert overview
- Application of planning filters to alert subscriptions
- Allow a single alert definition to include all versions and scenarios without changing the definition

Supply-side collaboration

- Excess and obsolescence sample content

SAP Integrated Business Planning V1908 and V1911

Upcoming long-term innovations – SAP Supply Chain Control Tower

Exception management

- Alert notifications to proactively trigger review by the user, including notification within SAP Integrated Business Planning and through e-mail
- Drill down with multiple views in the alert overviews
- Alerts based on order data
- Introduction of user-defined key figures for alerts

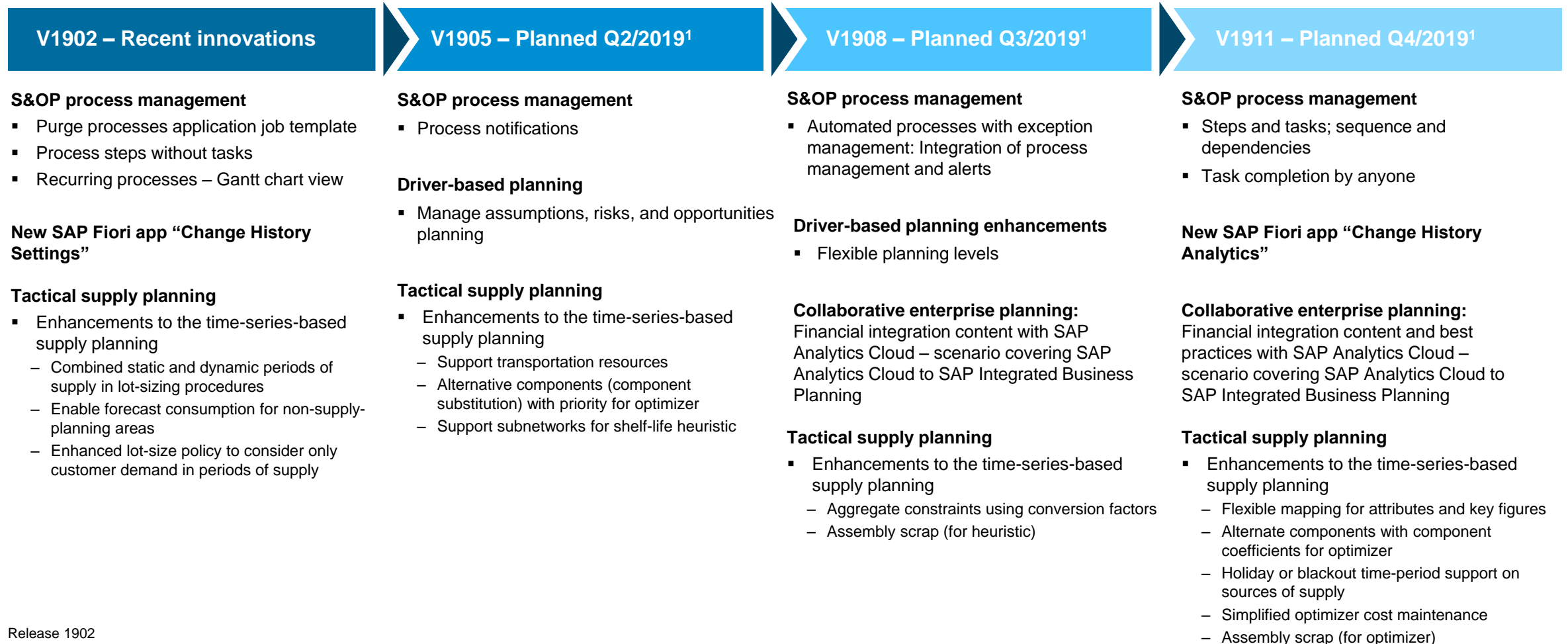
SAP Integrated Business Planning

Direction update – SAP Supply Chain Control Tower

- Further enhancements to KPIs
- Alerts based on master data
- Supply-side collaboration
 - Forecast collaboration with suppliers using an Excel-like planning UI
- Demand-side collaboration
 - Demand forecast collaboration with your customers – for example, to receive customer forecasts and include in your demand-planning processes
- Business partner management
 - Ability to create and manage external business partners and their users
 - Onboarding of external business partners
- Collaborative process adherence management
- Advanced sell-side (customer) collaboration, such as vendor-managed inventory (VMI)
- Further enhancements to supplier collaboration use cases, such as supplier-managed inventory (SMI)
- Recommendations for exception handling using machine learning techniques

SAP Integrated Business Planning for sales and operations

Product road map overview – Key themes and capabilities



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SAP Integrated Business Planning for sales and operations V1902

Recent innovations

Process management enhancements

- Purge processes: Application job template to delete processes older than user-specified dates filtered by process templates
- Process steps without tasks: Support for process steps that are milestones and don't need tasks – for example, process integration with SAP Ariba solutions
- Recurring processes: Gantt chart view to view and adjust recurring process calendar; roundoffs on recurring processes

New SAP Fiori app “Change History Settings”

- Manage which source of change (such as data integration, planning operators, and more) for a key figure can write change history records. This helps with managing data for change history, thereby improving performance.

Enhanced forecast consumption for non-supply-enabled planning areas

Enhanced lot-size policies:

- Periods-of-supply calculation to consider only customer demands (no distribution or dependent demand)
- Combined static and dynamic periods of supply in lot-sizing procedures

SAP Integrated Business Planning for sales and operations V1905

Upcoming midterm innovations

Enable transportation resources

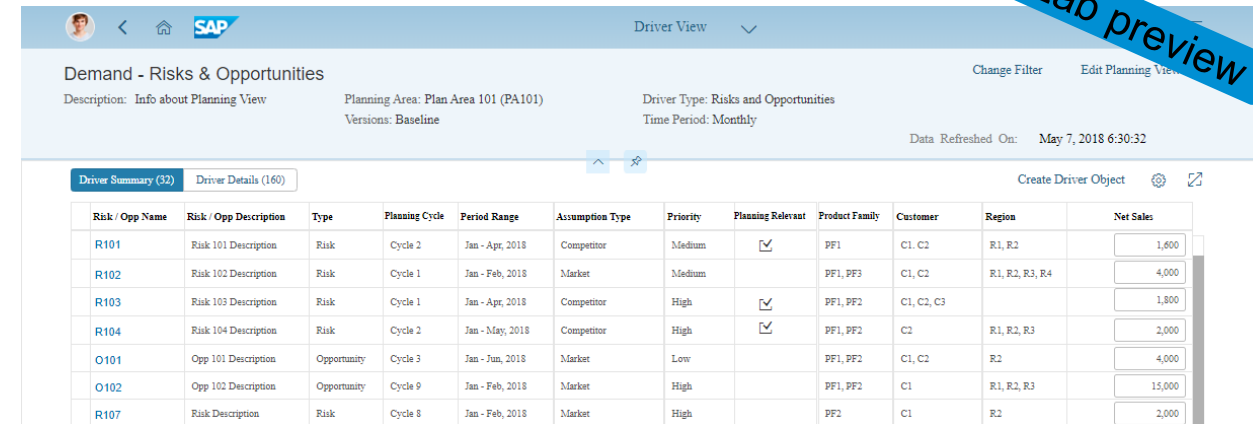
- Transportation resources on location source of supply
- Enabled for unconstrained heuristics and optimizer

Alternative components

- Enable alternative components with substitution priorities for optimizer

Driver-based planning

- New SAP Fiori app to create and maintain assumptions, risks, and opportunities or any business events
- Capture qualitative input to drive quantitative plans
- Create at different hierarchy levels and include in planning



The screenshot displays the SAP Fiori app interface for 'Demand - Risks & Opportunities'. The header includes the SAP logo, navigation icons, and the title 'Driver View'. Below the header, there are tabs for 'Driver Summary (32)' and 'Driver Details (160)'. The main content area shows a table with columns: Risk / Opp Name, Risk / Opp Description, Type, Planning Cycle, Period Range, Assumption Type, Priority, Planning Relevant, Product Family, Customer, Region, and Net Sales. The table lists several risks and opportunities, such as R101, R102, R103, R104, O101, O102, and R107, with their respective descriptions, types, and net sales values. A 'Lab preview' banner is visible in the top right corner.

Risk / Opp Name	Risk / Opp Description	Type	Planning Cycle	Period Range	Assumption Type	Priority	Planning Relevant	Product Family	Customer	Region	Net Sales
R101	Risk 101 Description	Risk	Cycle 2	Jan - Apr, 2018	Competitor	Medium	<input checked="" type="checkbox"/>	PF1	C1, C2	R1, R2	1,600
R102	Risk 102 Description	Risk	Cycle 1	Jan - Feb, 2018	Market	Medium	<input type="checkbox"/>	PF1, PF3	C1, C2	R1, R2, R3, R4	4,000
R103	Risk 103 Description	Risk	Cycle 1	Jan - Apr, 2018	Competitor	High	<input checked="" type="checkbox"/>	PF1, PF2	C1, C2, C3		1,800
R104	Risk 104 Description	Risk	Cycle 2	Jan - May, 2018	Competitor	High	<input checked="" type="checkbox"/>	PF1, PF2	C2	R1, R2, R3	2,000
O101	Opp 101 Description	Opportunity	Cycle 3	Jan - Jun, 2018	Market	Low	<input type="checkbox"/>	PF1, PF2	C1, C2	R2	4,000
O102	Opp 102 Description	Opportunity	Cycle 9	Jan - Feb, 2018	Market	High	<input type="checkbox"/>	PF1, PF2	C1	R1, R2, R3	15,000
R107	Risk Description	Risk	Cycle 8	Jan - Feb, 2018	Market	High	<input type="checkbox"/>	PF2	C1	R2	2,000

SAP Integrated Business Planning for sales and operations V1908 and V1911

Upcoming long-term innovations

S&OP process management

- Process automation with exception management – check alert conditions after process step is complete; for example, if forecast accuracy > 85% go to supply step
- Sequence for process steps and tasks to manage dependencies; tasks completion by anyone in participant group

SAP Fiori app “**Change History Analytics**”: For reason code reporting – number of changes per cycle, top 5 changes, and more

Financial integration content with SAP Analytics Cloud and SAP Business Planning and Consolidation optimized for SAP S/4HANA – best-practice business process and template

Driver-based planning enhancements

Flexible planning levels: Create drivers at multiple hierarchy levels without creating multiple combinations at lower level; analytics

Tactical supply planning

- Enhancements to the time-series-based supply planning
 - Holiday or blackout time-period support on sources of supply (first version)
 - Simplified optimizer cost maintenance
 - Assembly scrap
 - Flexible mapping for attributes and key figures for supply planning
 - Simplified optimizer cost maintenance

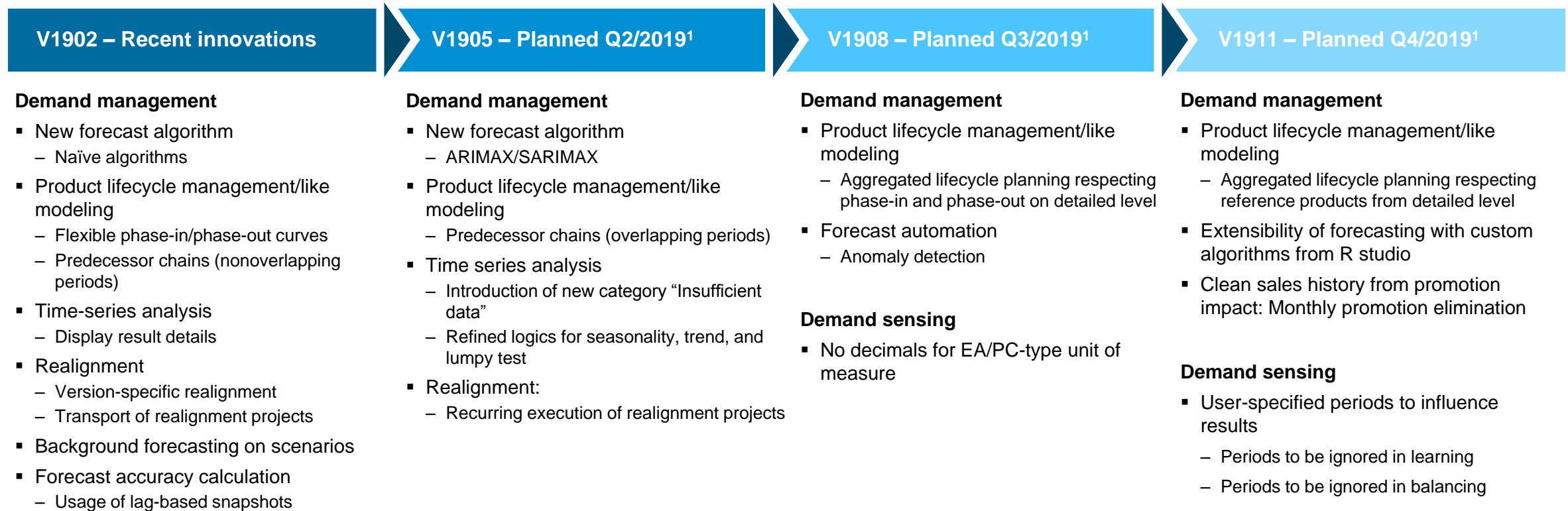
SAP Integrated Business Planning for sales and operations

Direction update

- Approvals process and business workflow
- S&OP process analysis including balanced score cards and extended decision support
- Capacity-leveling heuristic
- Product cost rollup through supply chain network for contribution margin and profitability analysis
- Effectivity and validity dates for components with supersession
- Dynamic projected coverage or “periods of supply” calculation at request level
- Ad hoc collaboration of forecast changes and out-of-cycle changes
- SAP CoPilot integration for process management
- Process adherence KPI and analytics
- Process hierarchies and dependencies
- New SAP Fiori tasks app with task dependencies and delegations
- Integration with SAP C/4HANA – SAP Sales Cloud and SAP Marketing Cloud solutions
- Enhancements to product and portfolio review process

SAP Integrated Business Planning for demand

Product road map overview – Key themes and capabilities



Release 1902

1. This is the current state of planning and may be changed by SAP at any time without notice.

SAP Integrated Business Planning for demand V1902

Recent innovations

Demand management – new forecasting algorithm: Naïve algorithms

- Naïve algorithm: “Forecast = sales data of last year * x%”

Demand management – time-series analysis

- Display and report on results of time-series analysis on planning-object level Provide filtering possibilities to show, for example, all product/location/customer combinations with seasonal sales pattern

Demand management – product lifecycle management/like modeling

- Flexible phase-in/phase-out curves: Enable user to upload individual curves – such as a pre-dip (initial fill of shelves in the store)

Demand management – forecast accuracy calculation

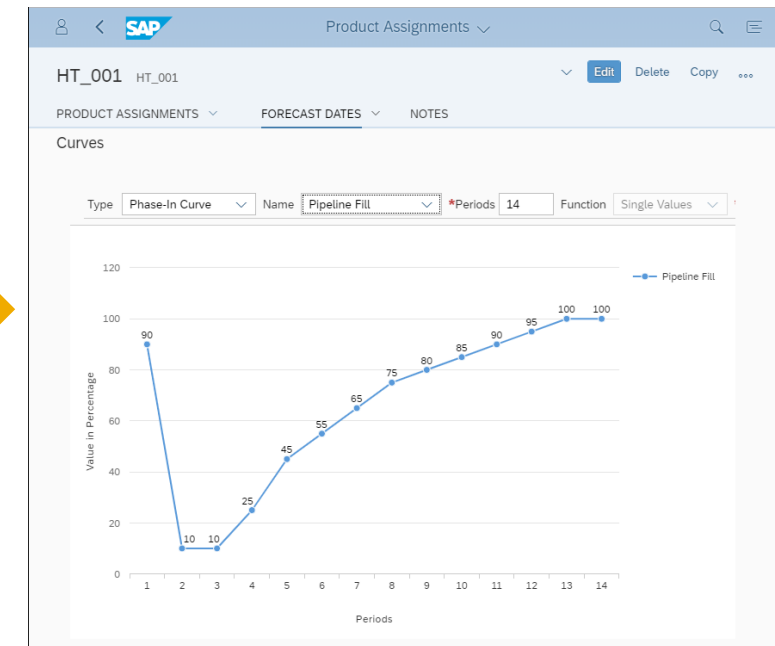
- Usage of lag-based snapshots: Usage of forecast snapshot key figures with “lag” as root as input for forecast accuracy calculation

Demand management – realignment

- Version-specific realignment: Run realignment only on selected versions
- Transport of realignment projects between systems

Demand management – background forecasting on scenarios

- Run background forecasting in a selected user-defined scenario



SAP Integrated Business Planning for demand V1905

Upcoming midterm innovations

Demand management – new forecasting algorithm: ARIMAX/SARIMAX

- ARIMAX/SARIMAX: Enhanced version of existing ARIMA model with the capability to support additional explanatory variables X_1, X_2, \dots

Demand management – product lifecycle management/like modeling

- Predecessor chains: Possibility to define start and end dates for reference products within predecessor chains such as $\text{Product}_{\text{new}} \rightarrow \text{Product}_{-1} \rightarrow \text{Product}_{-2}$ within the Product Lifecycle app

Demand management – time series analysis

- Introduction of new category “insufficient data” for time series which cannot properly be analyzed due to lack of data (for example, new products)
- Refined logics for seasonality, trend, and lumpy test

Realignment

- Recurring execution of realignment projects: Option to schedule a realignment project for recurring execution

SAP Integrated Business Planning for demand V1908 and V1911 (1/2)

Upcoming long-term innovations

Demand management – product lifecycle management/like modeling

- Aggregated lifecycle planning
 - Respecting phase-in/out on detailed level: Adapt statistical forecast created on aggregated level, such as product group level, according to the phase-in/out settings defined on product/launch dimension level
 - Aggregated lifecycle planning respecting reference products from detailed level: Construct the sales history that is used during forecasting on aggregated level, such as product group level, by respecting the product reference settings defined for the individual products

Demand management – forecast automation

- Anomaly detection: Automatically detect anomalies of the sales pattern, such as level shift, and consider it within statistical forecasting

Demand management – extensibility of forecasting with custom algorithms from R studio

- Possibility to use customer-specific forecasting algorithms from R studio within SAP Integrated Business Planning process

Demand management – clean sales history from promotion impact

- Enhance the promotion elimination preprocessing step to run in monthly time granularity (currently only daily and weekly time frames are supported)

SAP Integrated Business Planning for demand V1908 and V1911 (2/2)

Upcoming long-term innovations

Demand sensing – no decimals for EA/PC-type unit of measure

- Ensure that generated sensed demand quantity respects the number of decimals of the product unit of measure (UoM); for example, no decimals for UoM “each” or “piece”

Demand sensing – user-specified periods to influence results

- Option to mark “periods to be ignored in learning” and “periods to be ignored in balancing” in order to avoid any negative impact certain extraordinary periods, such as periods heavily impacted by a special event, may have on the sensed demand quantity

SAP Integrated Business Planning for demand

Direction update

- Forecast automation
- Forecasting enhancement, including new advanced algorithms and forecasting libraries (such as Automated Predictive Library [APL], Unified Demand Forecasting [UDL])
- Planning calendar support for demand processes
- Range forecasting
- Market- and customer-driven enhancements, and extended industry support

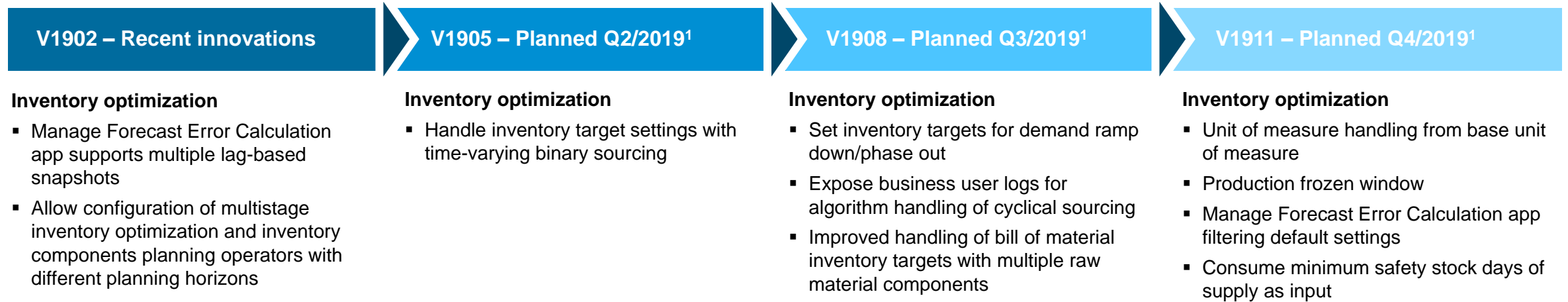
Demand-driven replenishment in SAP Integrated Business Planning

Direction update

- A new application for demand-driven MRP (DDMRP) is planned for release with SAP Integrated Business Planning 1905.
- The planned scope for DDMRP in SAP Integrated Business Planning will include steps 1 through 5 natively in a new SAP Integrated Business Planning planning area with integration into SAP ERP.
- The current SAP Integrated Business Planning for inventory features related to DDMRP will move toward the new application.
- A detailed road map for DDMRP will be introduced with the next road map update for SAP Integrated Business Planning release 1905 – scheduled in May.
- It is intended to certify this application as DDMRP-compliant with the Demand Driven Institute.

SAP Integrated Business Planning for inventory

Product road map overview – Key themes and capabilities



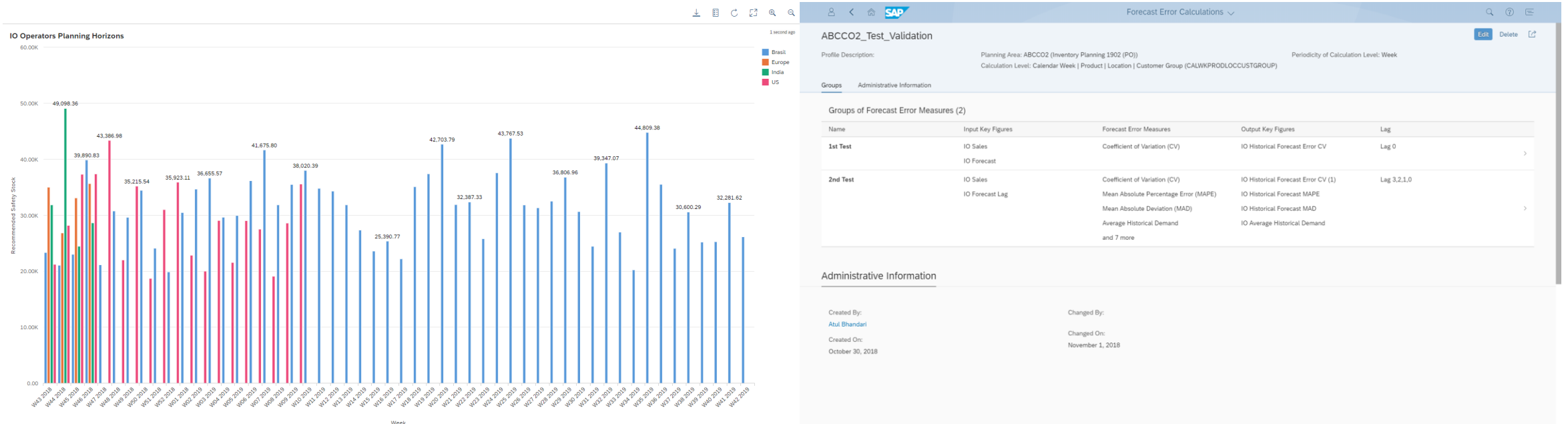
Release 1902

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SAP Integrated Business Planning for inventory V1902

Recent innovations

- Manage Forecast Error Calculation app supports multiple lag-based snapshots: The Manage Forecast Error Calculation app for demand planning and inventory optimization calculates forecast error measures using lag-based snapshots; the forecast key figure selected is a lag-based snapshot key figure, or any other key figure with the lag attribute in the base planning level.
- Allow configuration of multistage inventory optimization and inventory components planning operators with different planning horizons: User has the ability to define planning-horizon parameters (equal to calendar weeks) for inventory-optimization planning operators global (multistage) inventory optimization and calculation of target inventory components.



SAP Integrated Business Planning for inventory V1905

Upcoming midterm innovations

- Handle inventory target settings with time-varying binary sourcing: Recommend safety stock for nodes sourcing a downstream node with time-varying binary sourcing ratios

SAP Integrated Business Planning for inventory V1908 and V1911

Upcoming long-term innovations

- Model rules to set inventory targets for demand ramp down/phase out: Flexibility to set target inventory plans given demand ramp-down and/or product-phasing-out rules
- Expose business user logs for algorithm handling of cyclical sourcing: Provide logs to users of identified cyclical sourcing
- Improved handling of bill of material inventory targets with multiple raw material components
- Unit of measure handling from base unit of measure: SAP3 sample model handling UoM conversion for input, intermediate, and output key figures
- Production frozen window: Consume input for optimization and setting target inventory plans
- Manage Forecast Error Calculation app filtering default settings. In a single KPI profile, introduce attribute filters for calculations settings: Default CV value and maximum CV value.
- Consume minimum safety stock days of supply as input

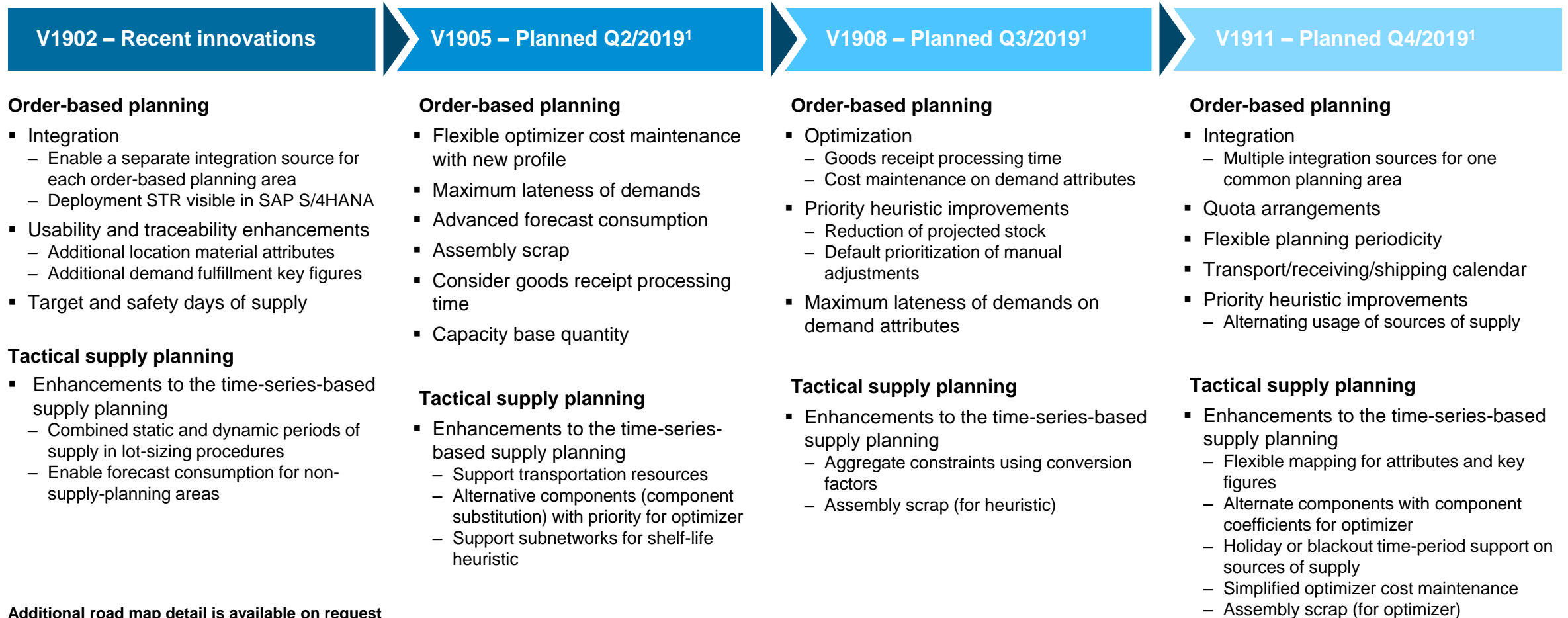
SAP Integrated Business Planning for inventory

Direction update

- SAP Fiori app “Inventory Planning Profile”
- Calculate lead time and lead time variability
- Inventory planning filtered by network ID
- Manage Forecast Error Calculation app calculating forecast error over lead time
- Integration to SAP Integrated Business Planning for demand PIPO (product phase-in, phase-out)
- Scenarios/simulations with master data attributes as key figures
- Viewing and editing timeless key figures in Excel UI
- Effectivity/validity dates for sources of supply

SAP Integrated Business Planning for response and supply

Product road map overview – Key themes and capabilities



Additional road map detail is available on request

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SAP Integrated Business Planning for response and supply V1902

Recent innovations

Order-based planning – safety days of supply

- Support buffer strategy safety days of supply (SDoS) in order-based planning runs
- Target levels for safety stock and SDoS to define reorder quantity in case of safety level violation in priority heuristic
- Maximum levels and violation costs for projected stock and DoS in order-based optimizer

Order-based planning – usability and traceability enhancements

- Additional location material attributes: Location material-specific attributes for SAP Fiori app “View Projected Stock”
- Additional demand fulfillment key figures
 - Key figures for in-time fulfilled sales order and forecast quantities
 - Key figures for late fulfilled sales order and forecast quantities
 - Key figures for unfulfilled late sales order and forecast quantities

Integration of multiple sources for order-based planning

- Enable the integration of multiple sources into individual planning areas. Sources are SAP ERP, SAP S/4HANA, or other SAP and non-SAP systems.
- Integration from and to SAP ERP and SAP S/4HANA systems will be provided as a built-in option.

SAP Integrated Business Planning for response and supply V1905

Upcoming midterm innovations

Order-based planning – maximum lateness of demands

- Define the maximum limit for demands to be fulfilled late, based on the location and material attributes

Order-based planning – assembly scrap

- Enable consideration of assembly scrap as defined in material master in ERP
- Is supported in priority heuristic as well as optimizer
- Define assembly product data structure specific scrap

Order-based planning – advanced forecast consumption

- Use of time-series forecast consumption operator for order-based planning
- Consulting note with documentation to describe the setup of the process

Planning Profiles ▾

EXAMPLE Edit Edit Header

Description: Example for Roadmap Slide

Changed By: [Claus Bosch](#)

Changed On: 01.02.2019

Maximum Lateness Inventory Costs ▾

Operating Sequence	Segment Description	Day
1	Lateness horizon	10 >

View Product

Standard * ▾

*Version ID: Material: Plant:

CB 🔍 SAP71805CF / Base Version 🔍 🔍

Production Data Structures (18) | Standard * ▾

Material	Material Description	Plant	Production Version	Assembly Scrap
CB15_BULKPHONE_A	BulkPhone A	FA71	0001	0,00 >
CB15_BULKPHONE_A	BulkPhone A	FA72	0001	0,00 >

IBP Order Based Planning – OBP using TS forecast consumption Page 1 / 6

Lab preview

Set Up Order-based planning using Time-Series Forecast Consumption Operator

Version	Date	Changes
1.0	February 2019	Initial version

DOCUMENT HISTORY

SOFTWARE VALIDITY
SAP Integrated Business Planning release 1902 and higher.

SAP Integrated Business Planning for response and supply V1905

Upcoming midterm innovations

Goods receipt processing

- Consider goods receipt processing time in order-based priority heuristic for production/purchasing/distribution
- Introduce goods receipt date in SAP Fiori apps and offer new supply key figures

Flexible optimizer cost maintenance with new profile

- Minimize cost maintenance effort for order-based optimizer with new SAP Fiori app
- Offer cost maintenance through flexible conditions based on master data (attributes)
- Assign cost profile to constrained forecast run using optimizer

Capacity base quantity

- Support operation base quantity (base quantity used referring to an operation)

Material: CB22_MEMORY (Memory), Location: VH71 (Vendor Hub Bristol)

Stock Projection Information

Items (4) Standard * ▾ Element View Daily View

Requested or Planned Date	Goods Receipt Date	Receipt or ...	Type of Receipt or Requirement
		Stock	Stock
10/31/2018	10/31/2018	10045196 / ...	Purchase Requisition
12/22/2018		10059852 / ...	Stock Transfer Requisition Requirement
10/25/2021			Freeze Horizon Distribution

Lab preview

EXAMPLE

Description: Example for Roadmap Slide

Changed By: Claus Bosch

Changed On: 01.02.2019

Maximum Lateness Inventory Costs ▾

Inventory Holding Violation Costs

Operating Sequence	Segment Description	Cost Value
1	Cost for Product Group 1	100.00 >

Lab preview

Capacity Demand

Production Version Resource Capacity Demands (1)

Work Center	Resource Description	Capacity Cat.	Valid From	Valid To	Bucket Consumption	Bucket UoM	Capacity Base Qty
CB20_P1	CB20_P1	Machine (001)	02/07/2018	12/31/9999	1,000	Minute (MIN)	1,000

Lab preview

SAP Integrated Business Planning for response and supply V1908 and V1911 (1/2)

Upcoming long-term innovations

Optimization

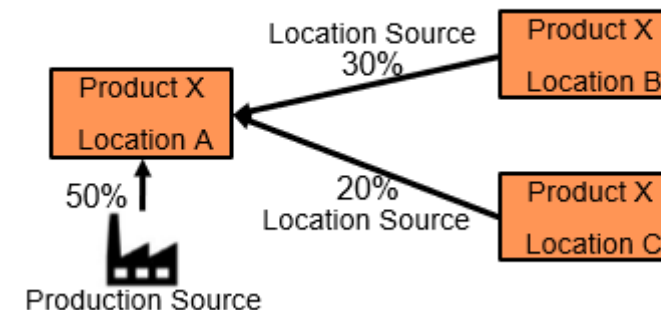
- Consider production activity for component lead-time offset
- Consider goods receipt processing time in order-based optimizer
- Enhance cost profile and maintenance by cost settings for nondelivery/late delivery costs using demand attributes

Quota arrangements (inbound quota)

- Offer time dependent maintenance of quotas
- Offer quotas for various sources of supply (such as T-lane, PDS)

Flexible planning periodicity

- Support time periodicities of planning area (such as day, week, month, quarter,...)
- Offer flexible display of periodicities in order-based planning SAP Fiori apps (such as “view projected stock”)



SAP Integrated Business Planning for response and supply V1908 and V1911 (2/2)

Upcoming long-term innovations

Order-based planning – priority heuristic improvements

- Reduction of projected stock: In case of lot sizes, manual adjustments, and high-prioritized demands in the far future, the planning logic is improved to decrease the projected stock
- Default prioritization of manual adjustments: Improved default prioritization of manual adjustments to ensure that dependent demands of stock transfer orders, purchase orders, or production order are satisfied in case of concurrent manual adjustments
- Alternating usage of sources of supply: Ability to define for the priority heuristic to first attempt to plan supply on a lower-priority source of supply at the requested date of the demand, instead of backward scheduling on the highest-priority source of supply

Order-based planning – integration of multiple sources

- Enable the integration of multiple sources into a common planning area. Sources are SAP ERP, SAP S/4HANA, or other SAP and non-SAP systems with harmonized data and independent supply chains.
- The integration from and to SAP ERP and SAP S/4HANA systems will be provided as a built-in option.

SAP Integrated Business Planning for response and supply

Direction update

Enhancements in order-based planning

- Telescopic planning
- Periodic lot sizes
- Multiple activities in planned orders
- Near-real-time integration from SAP S/4HANA and SAP ERP to SAP Integrated Business Planning and multi-ERP integration
- MRP areas
- Subcontracting support
- Scheduling agreement support
- Production in another plant
- Coproducts and by-products
- MRP segments for make-to-order and project segments
- Characteristics-based planning and shelf-life planning
- Product and location substitution

Supply and allocations planning

- Delta planning, enhanced parallel planning

Response planning

- Allocation on components and aggregate levels

Deployment planning

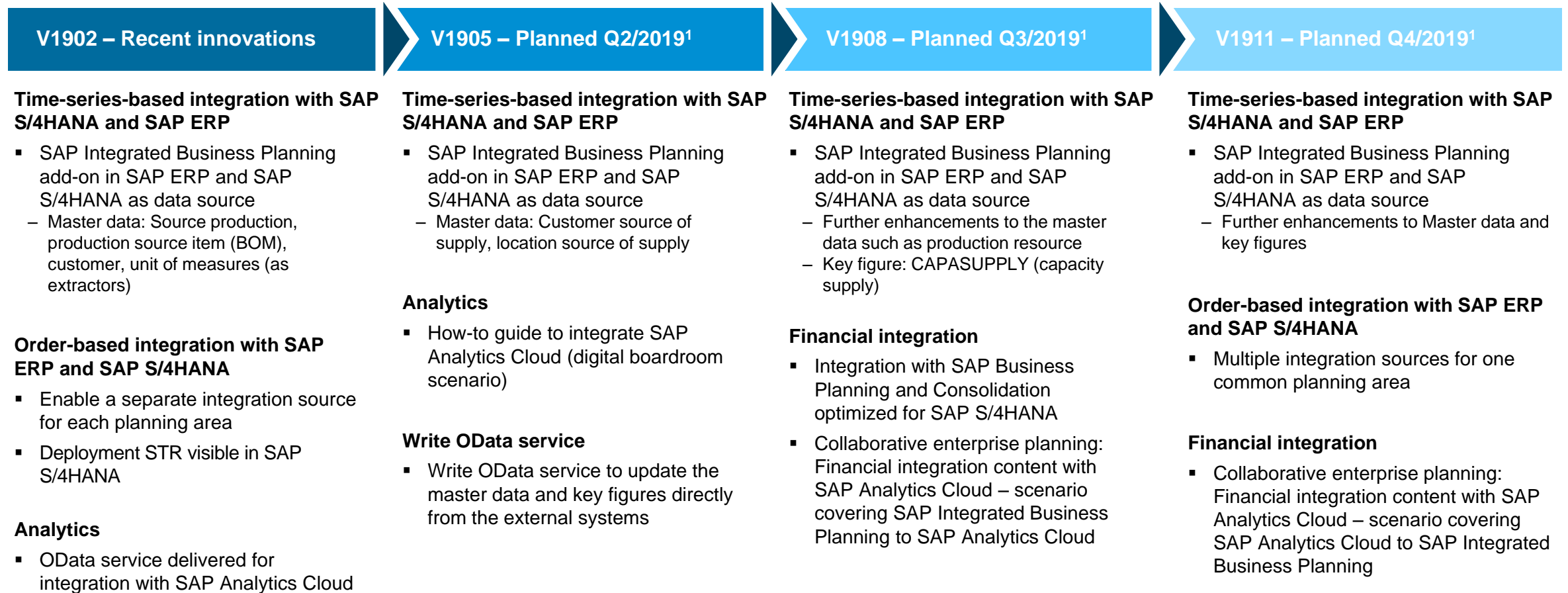
- Deployment optimization
- Push deployment
- Load consolidation
- Transportation and handling capacities

Operational supply planning

- Infinite supply planning heuristics on order data
- Capacity leveling on infinite planning result
- DDMRP replenishment

Planned integration capabilities

Product road map overview – Key themes and capabilities



Release 1902

1. This is the current state of planning and may be changed by SAP at any time without notice.

Planned integration capabilities

Direction update

Time-series-based integration with SAP S/4HANA and SAP ERP

- Enhancements to the add-on concept approach to enrich integration content with SAP Cloud Platform Integration for data services

Order-based integration with SAP S/4HANA and SAP ERP

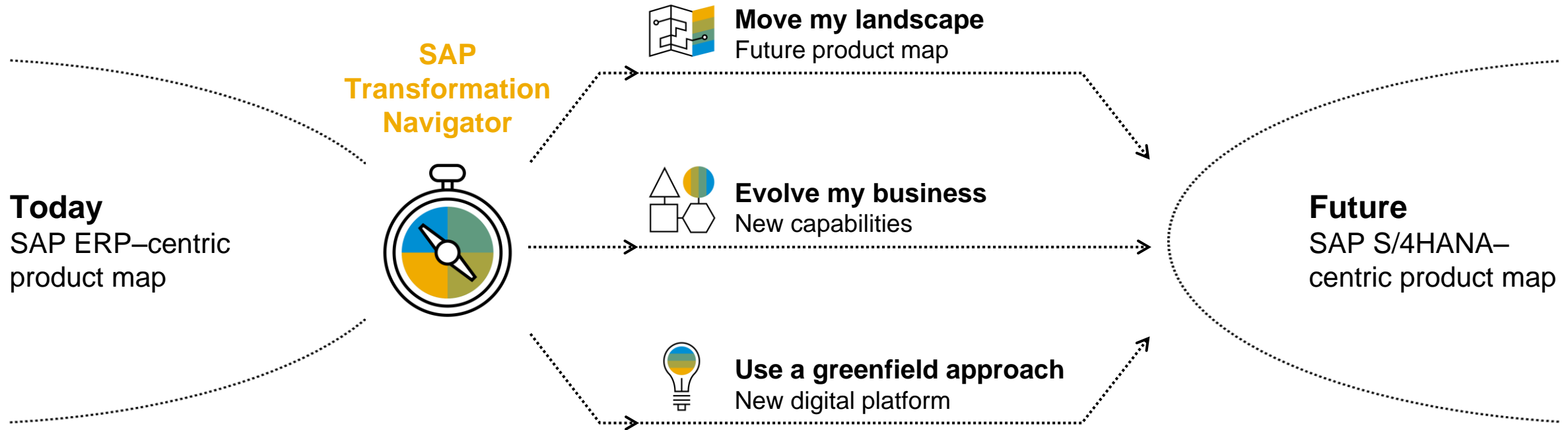
- Near real-time integration

Integration with SAP C/4HANA – SAP Sales Cloud and SAP Marketing Cloud solutions

- Outbound integration of demand plans
- Inbound integration of opportunities into sales forecast quantity

SAP Transformation Navigator

Supporting your digital transformation



SAP Transformation Navigator provides you with clear guidance to chart the Intelligent Enterprise:

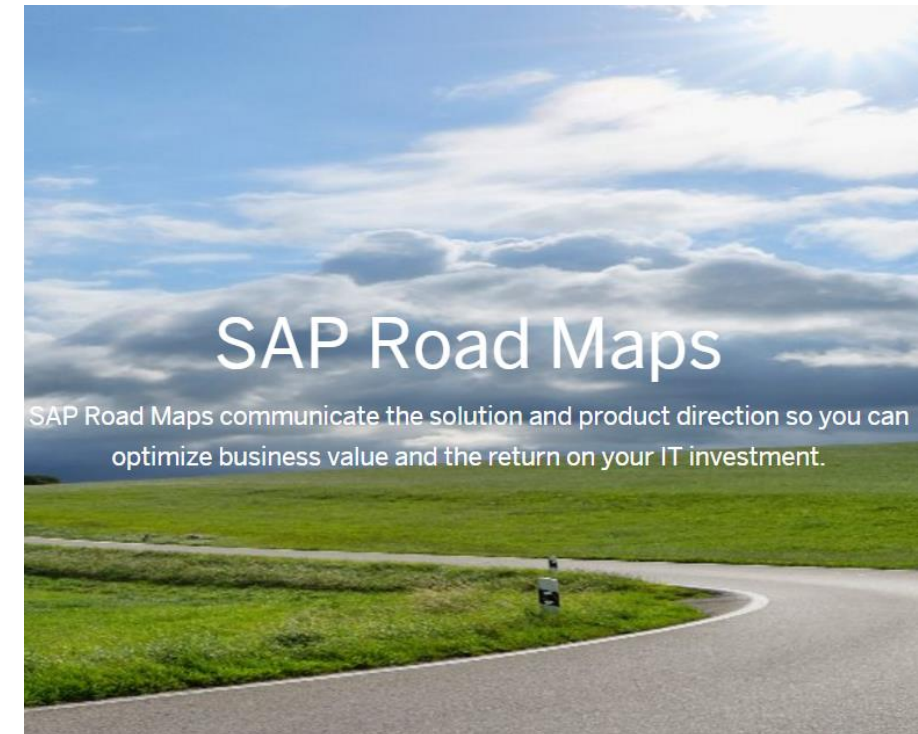
- Based on your currently used products, this free self-service produces an individualized report highlighting business value, detailing integration to SAP S/4HANA and other cloud products, and explaining transformation services and license information.
- With the new time-slider feature, you can even identify the best point in time to engage in your journey to becoming an intelligent enterprise.
- Discover the tool and your transformation path at <https://support.sap.com/stn>.

Related road maps

SAP Integrated Business Planning is closely related to and integrated with corresponding operation processes in execution systems such as SAP S/4HANA. Furthermore, SAP Integrated Business Planning leverages SAP Fiori front ends and takes an active part in the SAP Fiori UI journey.

Related product road maps available on [sap.com/road maps](https://sap.com/road-maps):

- [SAP ERP](#)
- [SAP S/4HANA](#)
- [SAP Fiori](#)



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