



SAP Digital Manufacturing Cloud Road Map

March 2021

PUBLIC

Legal disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. This presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP's strategy and possible future developments, products, and platforms, directions, and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or noninfringement. This document is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this document, except if such damages were caused by SAP's willful misconduct or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

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

Table of contents

Vision and direction

- Goal for customer success
- Design to Operate strategy

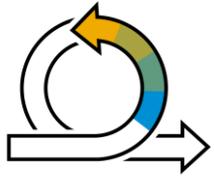
Product overview

- Functional description

Product innovations

- Detailed innovations

The **Goal** for our Customers: **Resilient** Supply Chains from Design to Operate | **The WHY**



Agility

Sense, predict, and respond to insulate from disruption



Productivity

Meet market demands in a highly demanding market



Connectivity

Collaborate and provide visibility across your networks

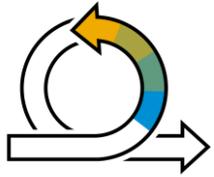


Sustainability

Ethically sourced with zero waste and carbon neutral processes



Evolve to a **Resilient Supply Chain** with Four Winning Strategies in a Holistic Design to Operate Offering | **The How**



Synchronized Planning

Planning as a continuum across the supply chain



Industry 4.0

Automate for productivity



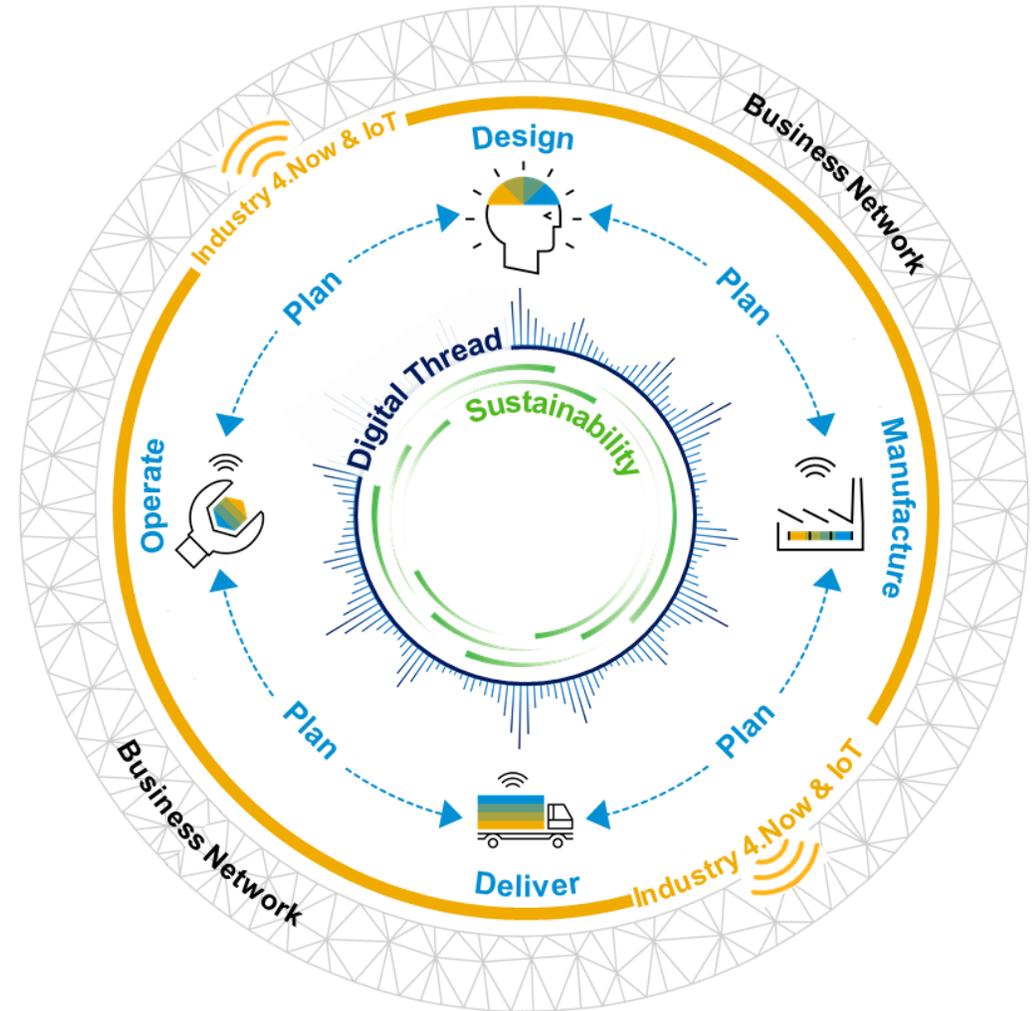
Business Networks

Connect for next-level business collaboration



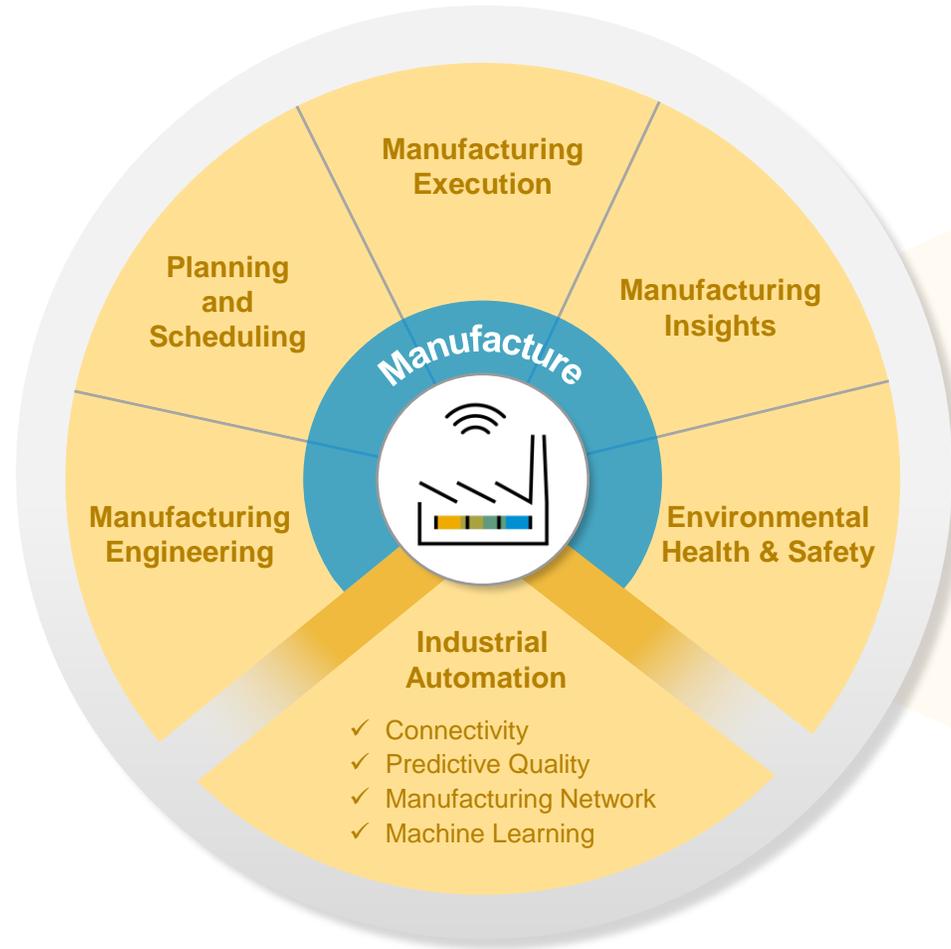
Sustainable Supply Chain

Circular Economy for zero waste



SAP Digital Manufacturing Solutions

A complete portfolio of manufacturing solutions to support digitalization and Industry 4.0



SAP Digital Manufacturing Cloud

- Manufacturing Insights
- Manufacturing Execution



SAP Manufacturing Suite

- SAP Manufacturing Integration and Intelligence
- SAP Manufacturing Execution
- SAP Plant Connectivity



SAP S/4HANA Manufacturing

- for Production Engineering and Operations
- for Planning and Scheduling
- Environmental, Health & Safety



SAP Digital Manufacturing Cloud

Product overview

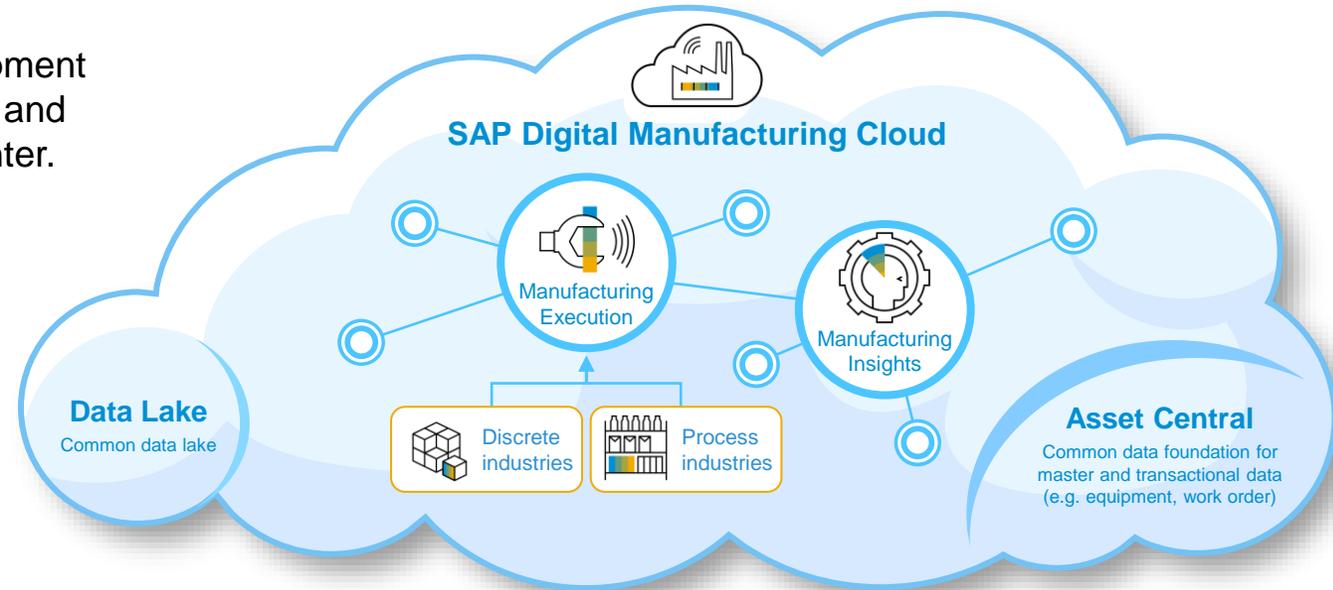
Connect your top floor business systems to your shop floor equipment for global visibility across all plants while orchestrating execution and monitoring production operations down to the individual work center. Take advantage of the manufacturing network to achieve greater flexibility and realize new business models.

Manufacturing Execution*

- Manage your production using the latest technology built on the SAP Cloud Platform
- Orchestrate and control the shop floor with out-of-the box integration to SAP ERP and S/4HANA

Manufacturing Insights

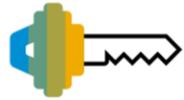
- Take informed decisions to increase productivity and performance of your production systems with real-time insights and root cause analysis
- Detect product quality defects early in production with prediction models using machine learning
- Collaborate with partners in the network to build digital inventories to optimize your offerings
- Act as the digital twin of the physical world, including any equipment as well as any kind of automation devices
- Enables processes and an easy exchange of data between Information Technology and Operational Technology in a manufacturing environment



* The Digital Manufacturing Cloud for execution license includes all functionalities of Digital Manufacturing Cloud for insights.

SAP Digital Manufacturing Cloud for Execution

Orchestrate and control the shop floor



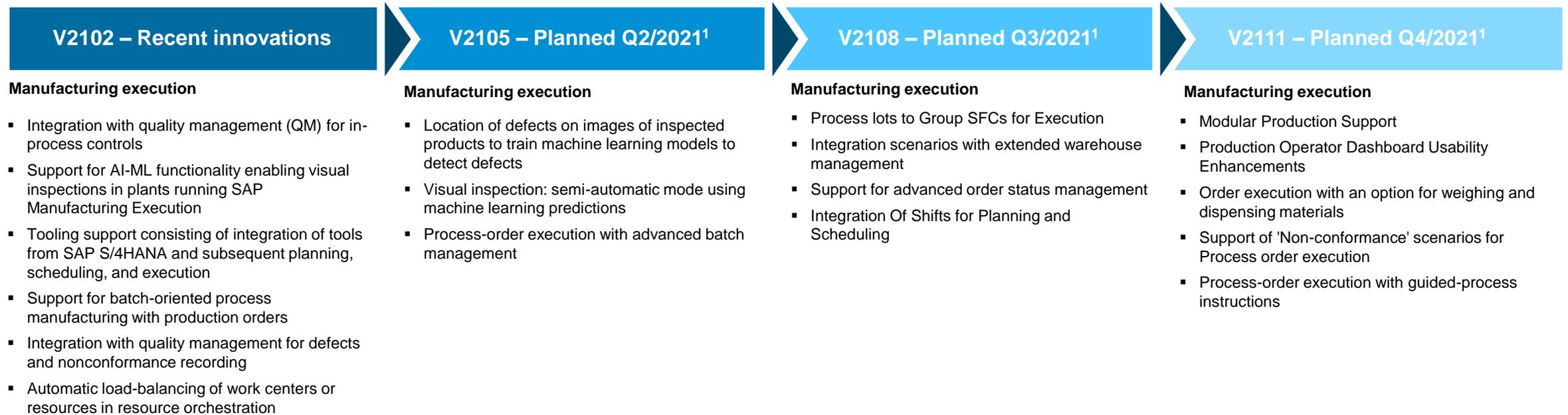
Key capabilities

- Implement top-floor to shop-floor scenarios to achieve rapid return-on-investment through out-of-the-box integration to SAP solutions
- Utilize intuitive user interfaces (UI) for production operators and transform to paperless production
- Dispatch and sequence operations to reflect the real world in the short term
- Monitor the entire manufacturing process to optimize resources and execution
- React quickly to unexpected events



SAP Digital Manufacturing Cloud for execution

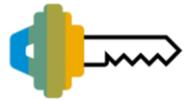
Product road map overview



1. This is the current state of planning and may be changed by SAP at any time without notice. **Remark: The content is updated on Feb 2020. Please go to [SAP Road Map Explorer](#) for latest version.**

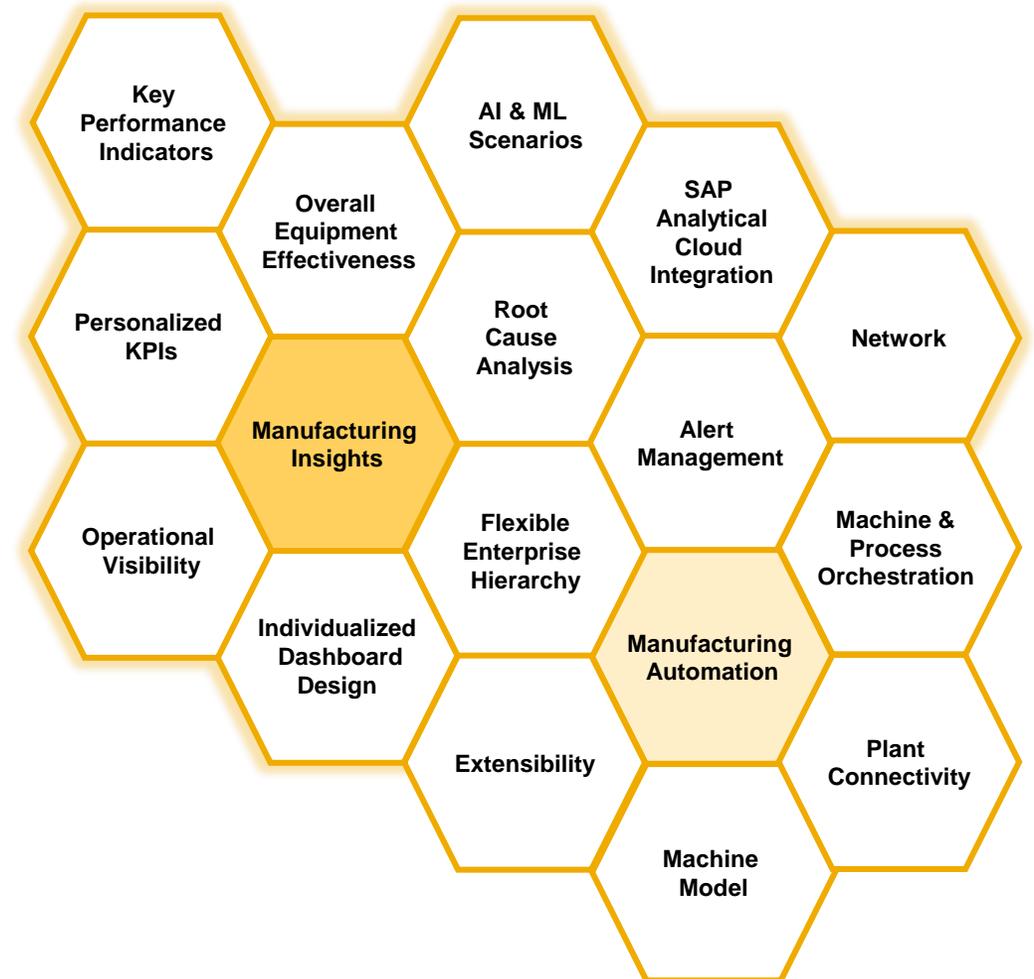
SAP Digital Manufacturing Cloud for Insights

Digital system to gain real-time visibility of production performance with business context across the enterprise



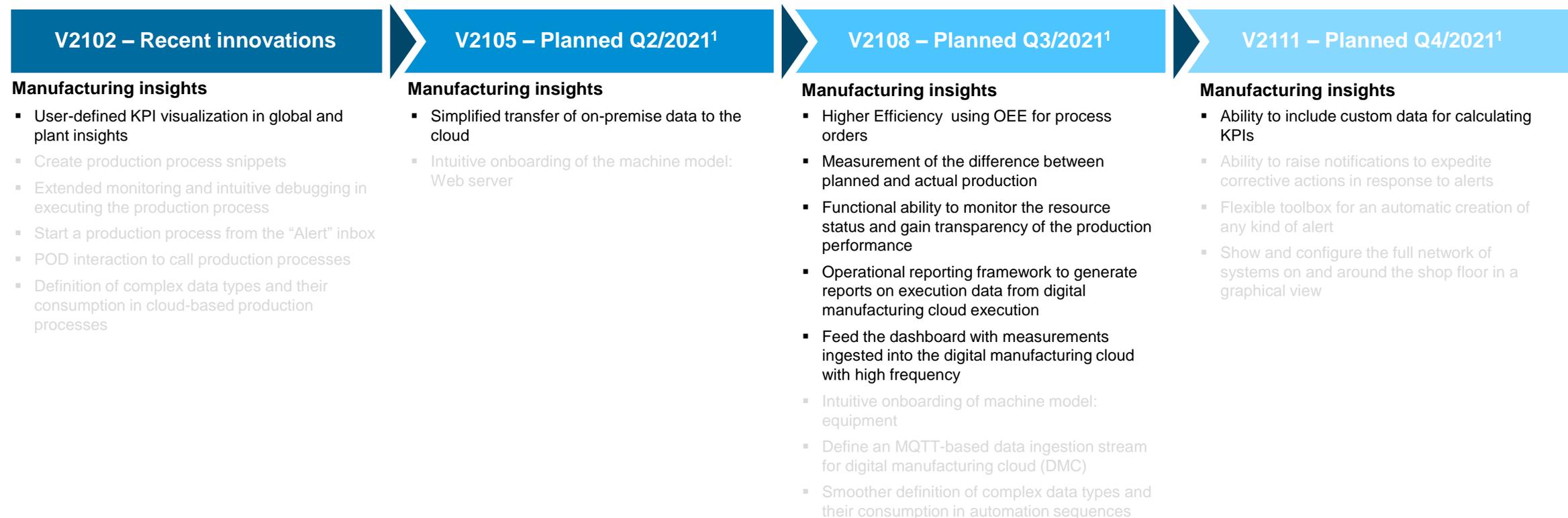
Key capabilities

- Gain insights on performance and productivity across different levels of the enterprise hierarchy (i.e. across regions, plants, work centers, resources, etc.)
- Take informed decisions by combining and utilizing data from shop floor systems, execution systems, along with contextual information from business sources (i.e. ERP)
- Use pre-delivered interactive dashboards filled with standardized key performance indicators (KPI) based on harmonized data
- Incorporate data from non-SAP sources, build customized KPI's and personalize your dashboards & reports
- Perform root cause analysis, drill -down and -up across different levels of the enterprise hierarchy



SAP Digital Manufacturing Cloud for insights

Product road map overview



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

© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

This presentation and SAP's strategy and possible future developments are subject to change and may be changed by SAP at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or noninfringement.

Remark: The content is updated on Feb 2021. Please go to [SAP Road Map Explorer](#) for latest version.

SAP Digital Manufacturing Cloud for insights

Product road map overview

V2102 – Recent innovations

Manufacturing insights

- **User-defined KPI visualization in global and plant insights**
- Create production process snippets
- Extended monitoring and intuitive debugging in executing the production process
- Start a production process from the “Alert” inbox
- POD interaction to call production processes
- Definition of complex data types and their consumption in cloud-based production processes

V2105 – Planned Q2/2021¹

Manufacturing insights

- Simplified transfer of on-premise data to the cloud
- Intuitive onboarding of the machine model: Web server

V2108 – Planned Q3/2021¹

Manufacturing insights

- Higher Efficiency using OEE for process orders
- Measurement of the difference between planned and actual production
- Functional ability to monitor the resource status and gain transparency of the production performance
- Operational reporting framework to generate reports on execution data from digital manufacturing cloud execution
- Feed the dashboard with measurements ingested into the digital manufacturing cloud with high frequency
- Intuitive onboarding of machine model: equipment
- Define an MQTT-based data ingestion stream for digital manufacturing cloud (DMC)
- Smoother definition of complex data types and their consumption in automation sequences

V2111 – Planned Q4/2021¹

Manufacturing insights

- Ability to include custom data for calculating KPIs
- Ability to raise notifications to expedite corrective actions in response to alerts
- Flexible toolbox for an automatic creation of any kind of alert
- Show and configure the full network of systems on and around the shop floor in a graphical view

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

© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

This presentation and SAP's strategy and possible future developments are subject to change and may be changed by SAP at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or noninfringement.

Remark: The content is updated on Feb 2021. Please go to [SAP Road Map Explorer](#) for latest version.

User defined KPI visualization in Global Insights and Plant Insights

Feature Details

- In the Global Insights and Plant Insights application user can configure and save the KPIs to be viewed in the carousel and also the filter criteria based on his/her choice.

Benefit

- Ease of access to KPI's and filter criteria that are specific to plants.

The image displays two screenshots of the SAP Plant Insights application interface, illustrating user-defined KPI visualizations.

Top Screenshot: The interface shows the 'Plant Insights' header with a user profile 'rk'. A dropdown menu is set to 'TestD3MyKPIs'. The filter section includes: Plant: TESTD3 (TESTD3), Time Period: Year to Date, Material Classification: Materials, and Materials: (empty). The KPI carousel displays five metrics for TESTD3, YTD: Start on Time (0.000%), Finish on Time (0.342%), Past Due Orders (792 Nos), OEE (0.034%), and Availability (36.57%). The bottom navigation bar shows 'Start on Time' selected, 'Year / Month / Week /' options, 'View in Advanced Analytics', and a partial view of another KPI: '% P.O Not Started on Time By Mate...'. A 'Configure' button is visible on the right.

Bottom Screenshot: The interface shows the 'Plant Insights' header with a user profile 'SS'. A dropdown menu is set to 'Test4'. The filter section includes: Plant: KV02 (KV02), Time Period: Month To Date, Material Classification: Materials, and Materials: (empty). The KPI carousel displays one metric for KV02, MTD: Build Conformance (0). The bottom navigation bar shows 'Build Conformance' selected, 'Year / Month / Week /' options, and a partial view of another KPI: '% Pending Quantities by Workcenter'. A 'Configure' button is visible on the right.

SAP Digital Manufacturing Cloud for insights: Manufacturing Automation

Product road map overview

V2102 – Recent innovations

Manufacturing automation

- Create production process snippets
- Extended monitoring and intuitive debugging in executing the production process
- Start a production process from the “Alert” inbox
- POD interaction to call production processes
- Definition of complex data types and their consumption in cloud-based production processes

V2105 – Planned Q2/2021¹

Manufacturing automation

- Intuitive onboarding of the machine model: Web server

V2108 – Planned Q3/2021¹

Manufacturing automation

- Intuitive onboarding of machine model: equipment
- Define an MQTT-based data ingestion stream for digital manufacturing cloud (DMC)
- Smoother definition of complex data types and their consumption in automation sequences

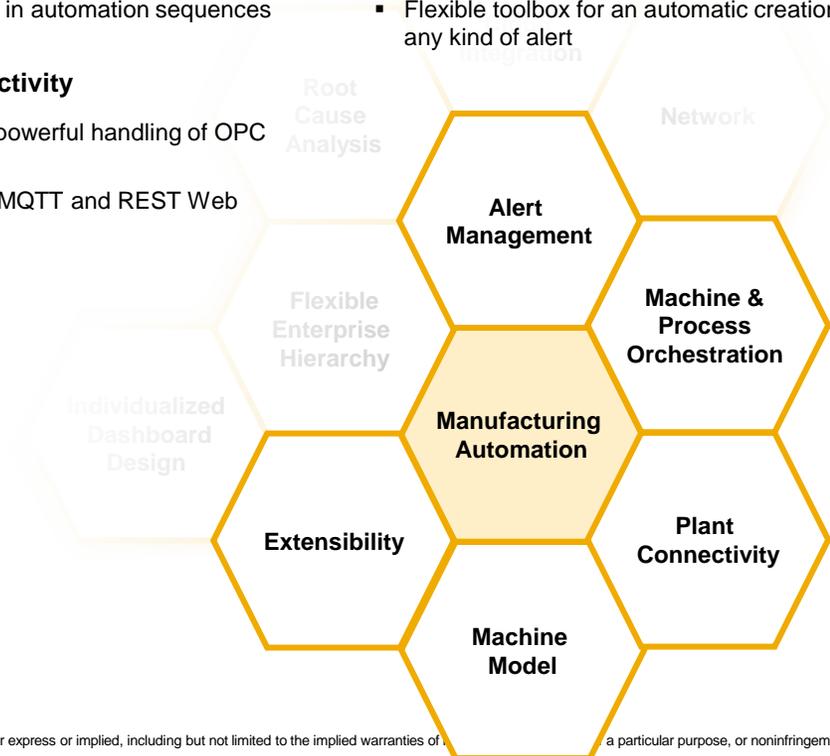
SAP Plant Connectivity

- Easier and more powerful handling of OPC Data Types
- Improvements to MQTT and REST Web service support

V2111 – Planned Q4/2021¹

Manufacturing automation

- Show and configure the full network of systems on and around the shop floor in a graphical view
- Ability to raise notifications to expedite corrective actions in response to alerts
- Flexible toolbox for an automatic creation of any kind of alert



Remark:

The content is updated on Feb 2021. Please go to [SAP Road Map Explorer](#) for latest version.

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

© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

This presentation and SAP's strategy and possible future developments are subject to change and may be changed by SAP at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of fitness for a particular purpose, or noninfringement.

SAP Digital Manufacturing Cloud for insights: Manufacturing Automation

Product road map overview

V2102 – Recent innovations

Manufacturing automation

- Create production process snippets
- Extended monitoring and intuitive debugging in executing the production process
- Start a production process from the “Alert” inbox
- POD interaction to call production processes
- Definition of complex data types and their consumption in cloud-based production processes

V2105 – Planned Q2/2021¹

Manufacturing automation

- Intuitive onboarding of the machine model: Web server

V2108 – Planned Q3/2021¹

Manufacturing automation

- Intuitive onboarding of machine model: equipment
- Define an MQTT-based data ingestion stream for digital manufacturing cloud (DMC)
- Smoother definition of complex data types and their consumption in automation sequences

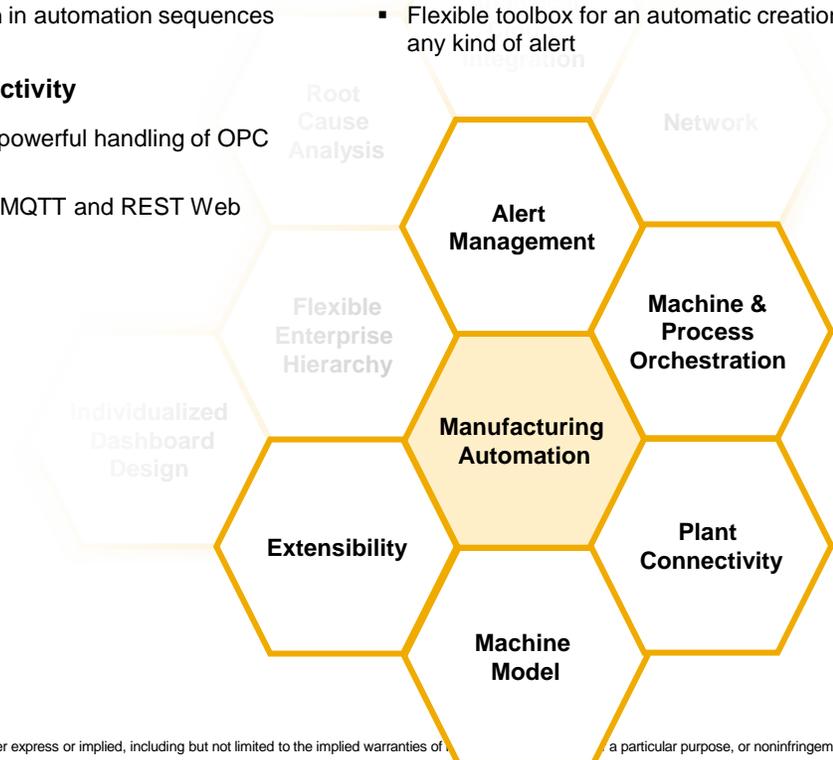
SAP Plant Connectivity

- Easier and more powerful handling of OPC Data Types
- Improvements to MQTT and REST Web service support

V2111 – Planned Q4/2021¹

Manufacturing automation

- Show and configure the full network of systems on and around the shop floor in a graphical view
- Ability to raise notifications to expedite corrective actions in response to alerts
- Flexible toolbox for an automatic creation of any kind of alert



Remark:

The content is updated on Feb 2021. Please go to [SAP Road Map Explorer](#) for latest version.

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

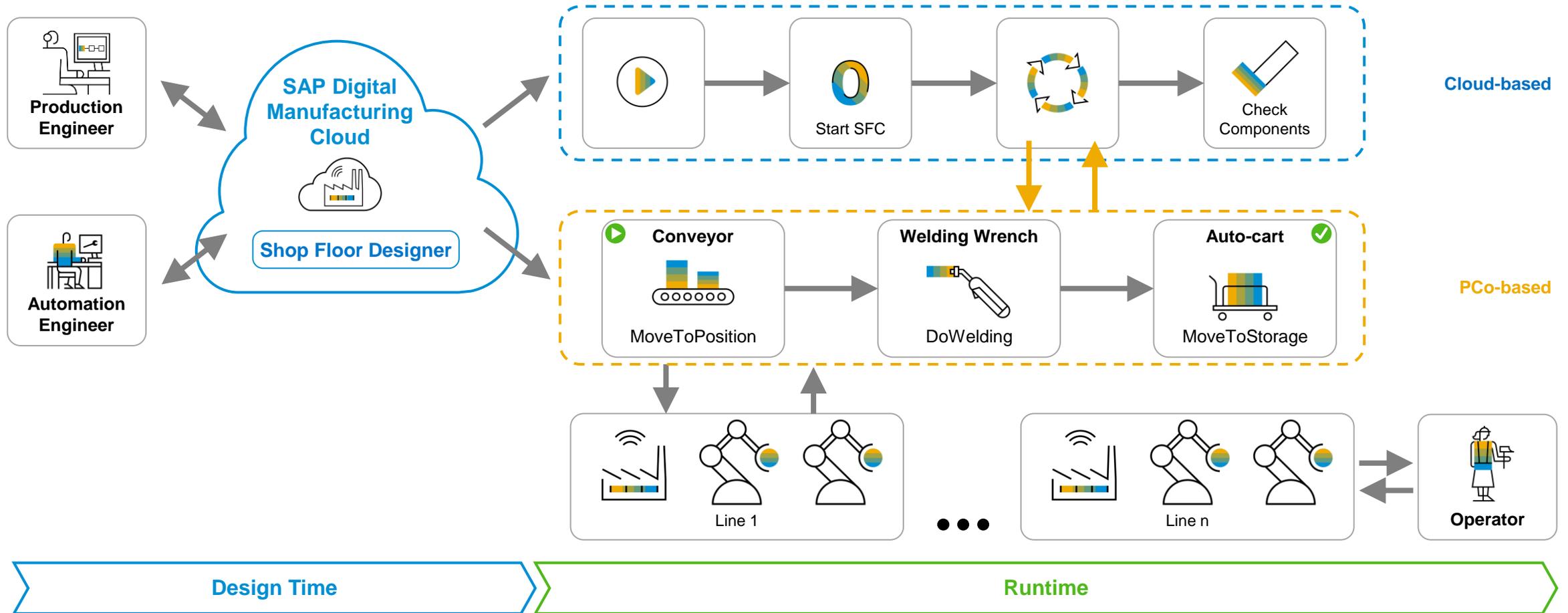
© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

This presentation and SAP's strategy and possible future developments are subject to change and may be changed by SAP at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of fitness for a particular purpose, or noninfringement.

SAP Digital Manufacturing Cloud

Machine and Process Orchestration – Shop Floor Designer

Design the optimal manufacturing process flow integrating MES system with machine orchestration and easily deploy it throughout the different SAP runtimes (on the cloud and different SAP Plant Connectivity instances)

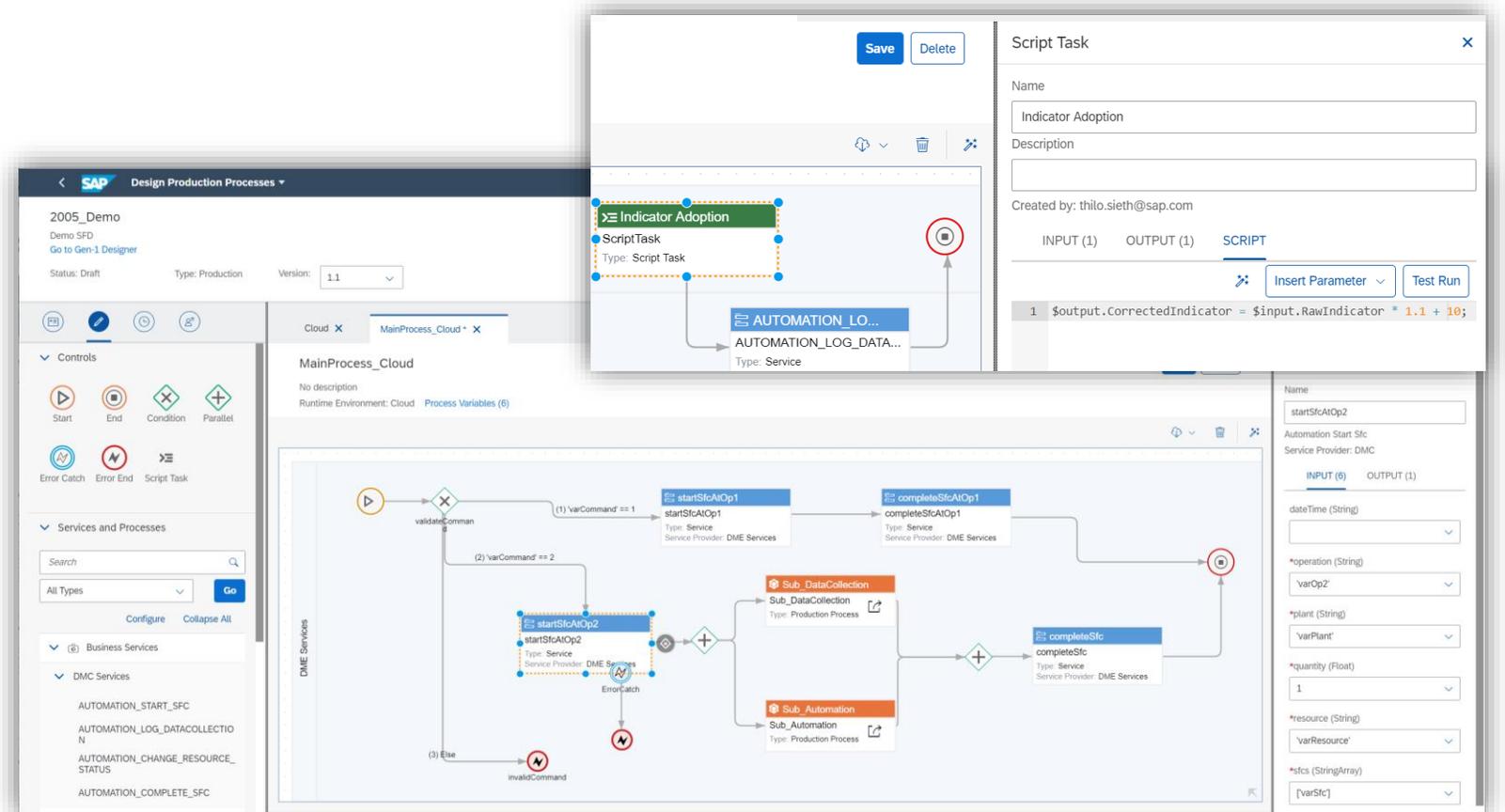
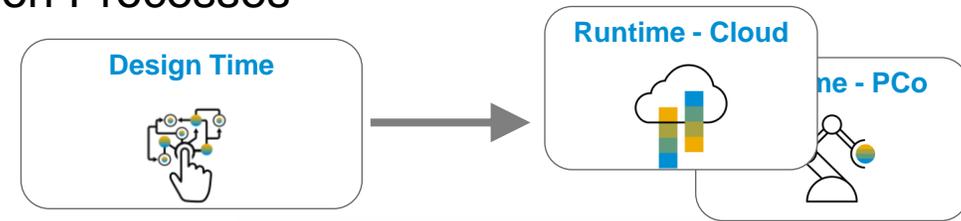


SAP Digital Manufacturing Cloud

Machine and Process Orchestration – Design Production Processes

Extended set of process control elements:

- Start and end process 
Configure process input and output parameters
- Condition element 
Branches the execution of the processes based on a condition becoming true; there is any number of conditions allowed
- Parallel element 
Unconditional branching of the process execution; the branches are executed in parallel
- Error Catch and Error End 
If a singular process step (a singular service execution) terminates with an error, the process execution runs into an exception handling branch and may itself terminate with an error
- Script task 
Implement a Java Script routine for any small customer-based functionalities



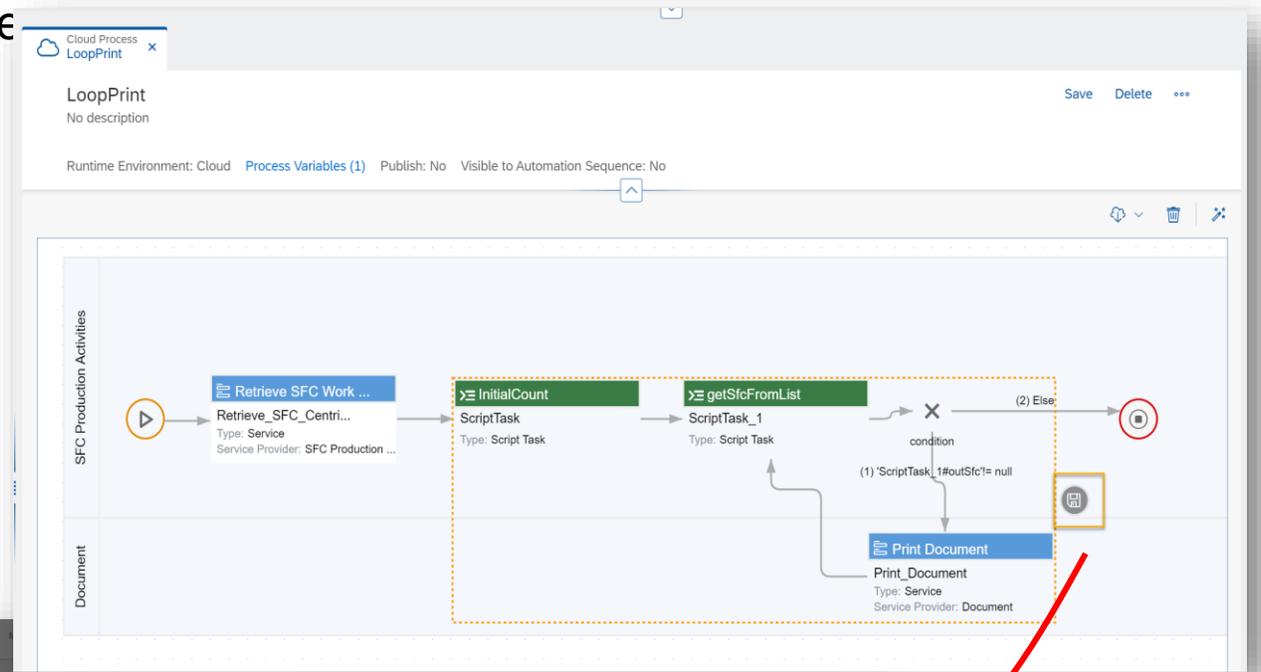
The screenshot displays the SAP Design Production Processes interface. The main window shows a process flow diagram for 'MainProcess_Cloud'. The flow starts with a 'validateCommand' task, which branches into three paths based on conditions: (1) 'varCommand == 1', (2) 'varCommand == 2', and (3) 'Else'. Each path leads to a 'startStcAtoOp' task, followed by a 'completeStcAtoOp' task. The 'Else' path includes an 'ErrorCatch' task. The process concludes with a 'completeStc' task. A 'Script Task' configuration window is open, showing the name 'Indicator Adoption' and a description. The script code is: `1 $output.CorrectedIndicator = $input.RawIndicator * 1.1 + 10;`. The interface also shows a 'Controls' panel with icons for Start, End, Condition, Parallel, Error Catch, Error End, and Script Task, and a 'Services and Processes' panel with a search bar and a list of services.

SAP Digital Manufacturing Cloud

Snippets: Reusability across production processes

Reuse parts of a production process across designs by creating snippets

- Copy the selected services and control components to a central place
- Derive the attributes across designs
- View snippets created by all users
- Capability of managing snippets



The screenshot shows the 'Select Services' dialog box in the SAP Cloud Process Designer. The dialog has a search bar and a dropdown menu for 'All Types'. The 'Indicator Services' section is expanded, and the 'Snippets' section is also expanded. Under 'Snippets', there are three options: 'My Snippets', 'Other Snippets', and 'Third-Party Services'. The 'My Snippets' and 'Other Snippets' options are checked. A red arrow points from the 'Print_Document' task in the process flow above to the 'Other Snippets' option in the dialog.

SAP Digital Manufacturing Cloud

Machine and Process Orchestration – Production Process Debugger

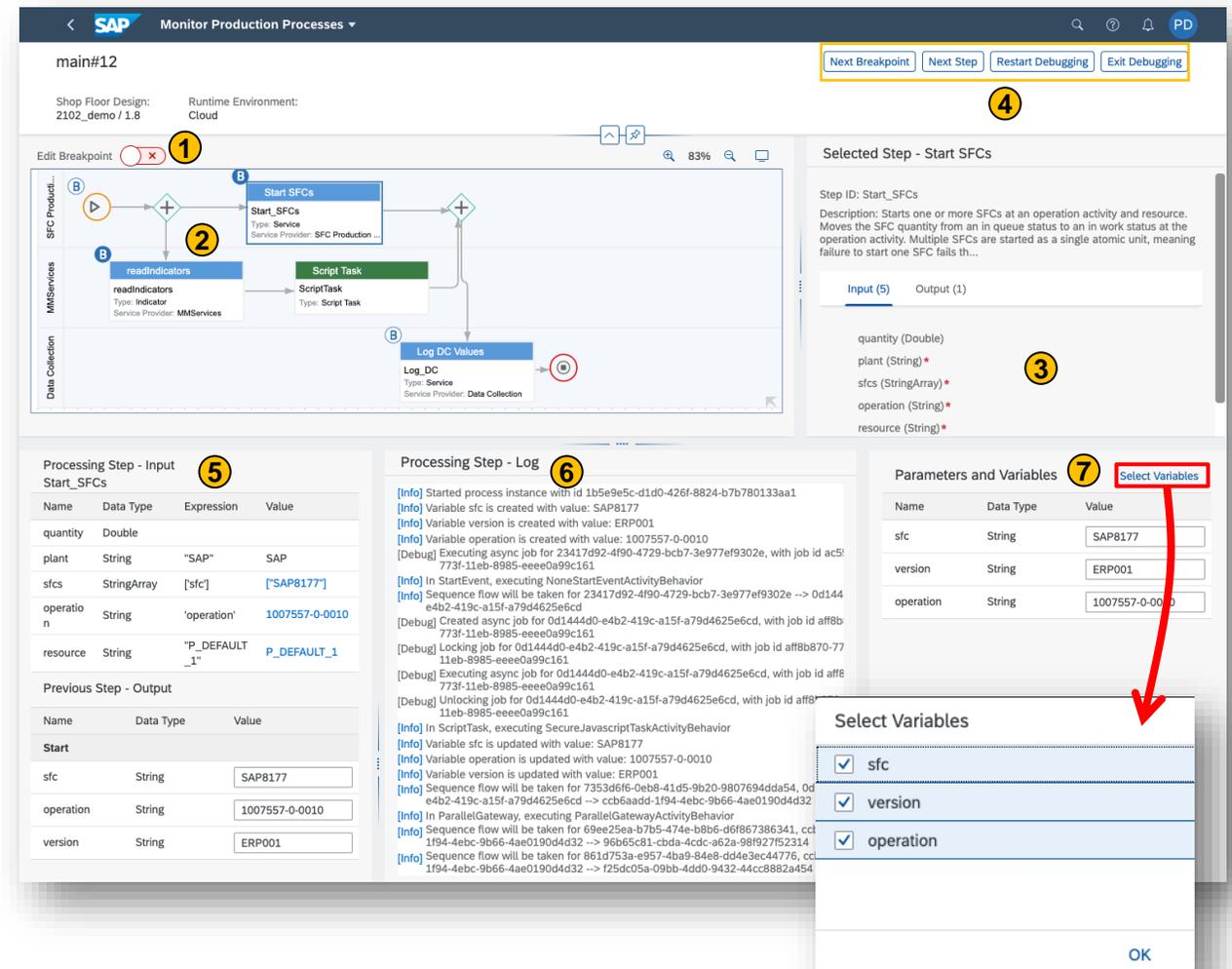
The image illustrates the SAP Production Process Debugger workflow. It starts in the 'Design Production Processes' app, where a 'Debug' button is used to initiate a session. This leads to the 'Production Process' diagram. A 'Debug' dialog box is shown, likely for configuring the debugging session. The main view is the 'Monitor Production Processes' app, which displays the process flow for 'main#12'. The 'Selected Step - Start_SFCs' is highlighted, showing its description and input/output data. Below this, the 'Processing Step - Input' and 'Processing Step - Log' are shown, providing detailed information about the step's execution, including variable values and log messages. Finally, the 'Parameters and Variables' section shows the current state of variables like 'sfc', 'version', and 'operation'.

Start a debugging session from the “Design Production Processes” app after the deployment of the production process

SAP Digital Manufacturing Cloud

Machine and Process Orchestration – Production Process Debugger

1. Switch on the Edit Breakpoint toggle and click on the step on which you want to add a breakpoint
2. When debug a parallel execution, you can choose which branch you want to execute by clicking the step with icon **B**, and then click “Next Breakpoint” or “Next Step”
3. The step view shows the selected step's name, description, step ID, input and output parameter information
4. Process Execution Control
 - **Next Breakpoint:** Let the debugging process stop at the next breakpoint. The previous steps are executed.
 - **Next Step:** Let the debugging process stop at the next step. The previous step is executed.
 - **Restart Debugging:** Terminate the current debugging process and start another one.
 - **Exit Debugging:** End the debugging session and go back to the normal design time of shop floor designer.
5. The parameter view shows the current processing step name, input parameter name, type, expression and value and additionally the same of the previous step name. You can edit the previous step output parameter value to update the next step's values.
6. The log view shows real-time log information with debug log level.
7. The “Parameter and Variable” pane lists selected process variables, output parameters of previous steps, input parameters of the process instance. You can edit the value of each parameter



You can configure which variable or parameter to display by choosing Select Variables

SAP Digital Manufacturing Cloud for Insights

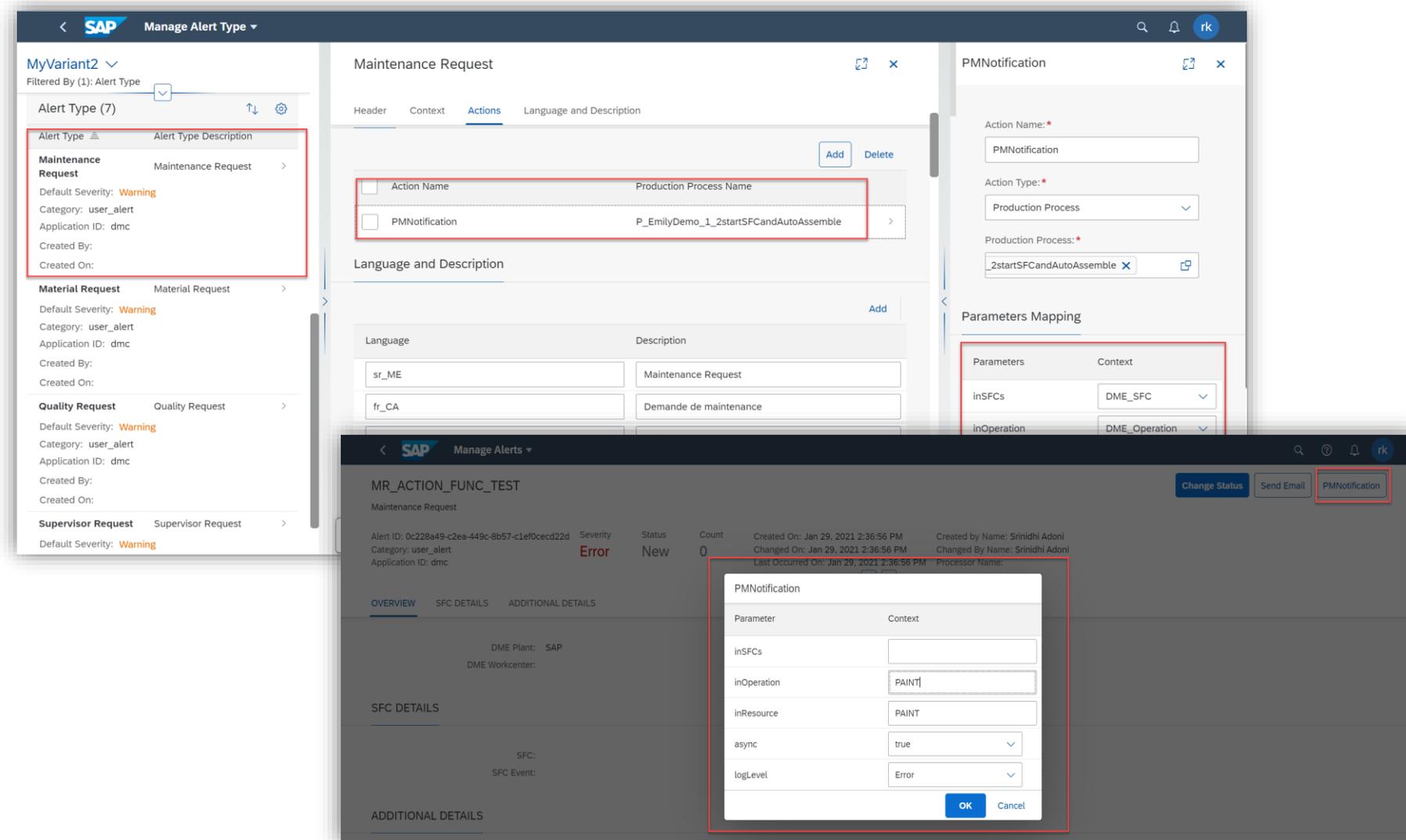
Manage alert types and configure the **start of a production process from the Alert Inbox**

Feature Details

- New Manage Alert Type app to modify pre-delivered alert types
- Associate action to Alert type, that is link a production process i.e. to trigger a PM notification.
- Map the production process parameters with the context available for the alert type.
- Raise the action from the alert detail page.

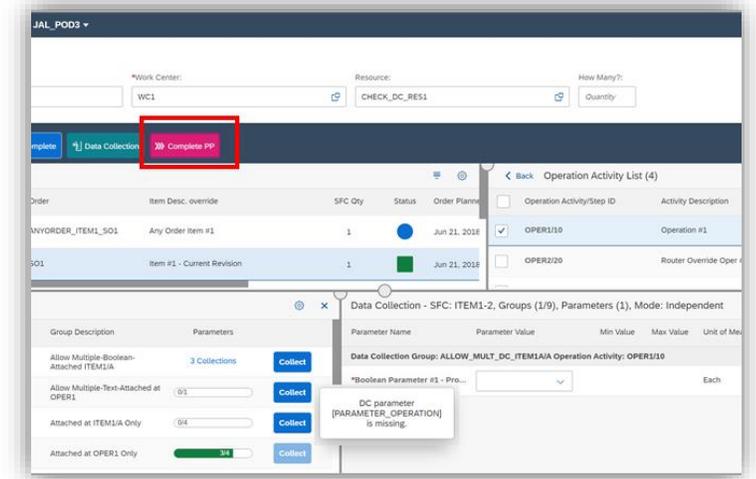
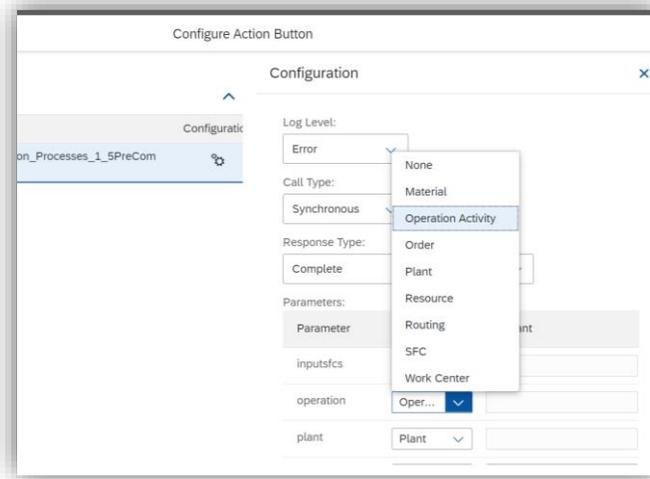
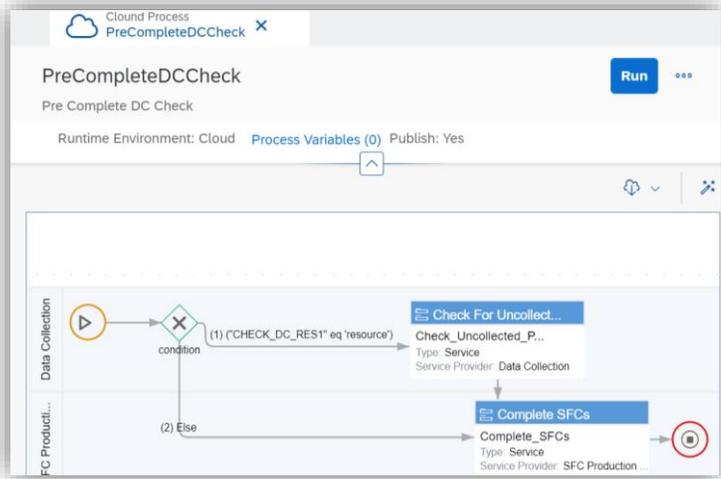
Benefit

- Insight to action flow for manufacturing events happening on the shop floor.



SAP Digital Manufacturing Cloud for Insights

Configure the **Start a production Process from POD**



Construct a Production Process

- Use *Design Production Process* app
- Input parameters defined to give API context from the POD

Configure a button in POD

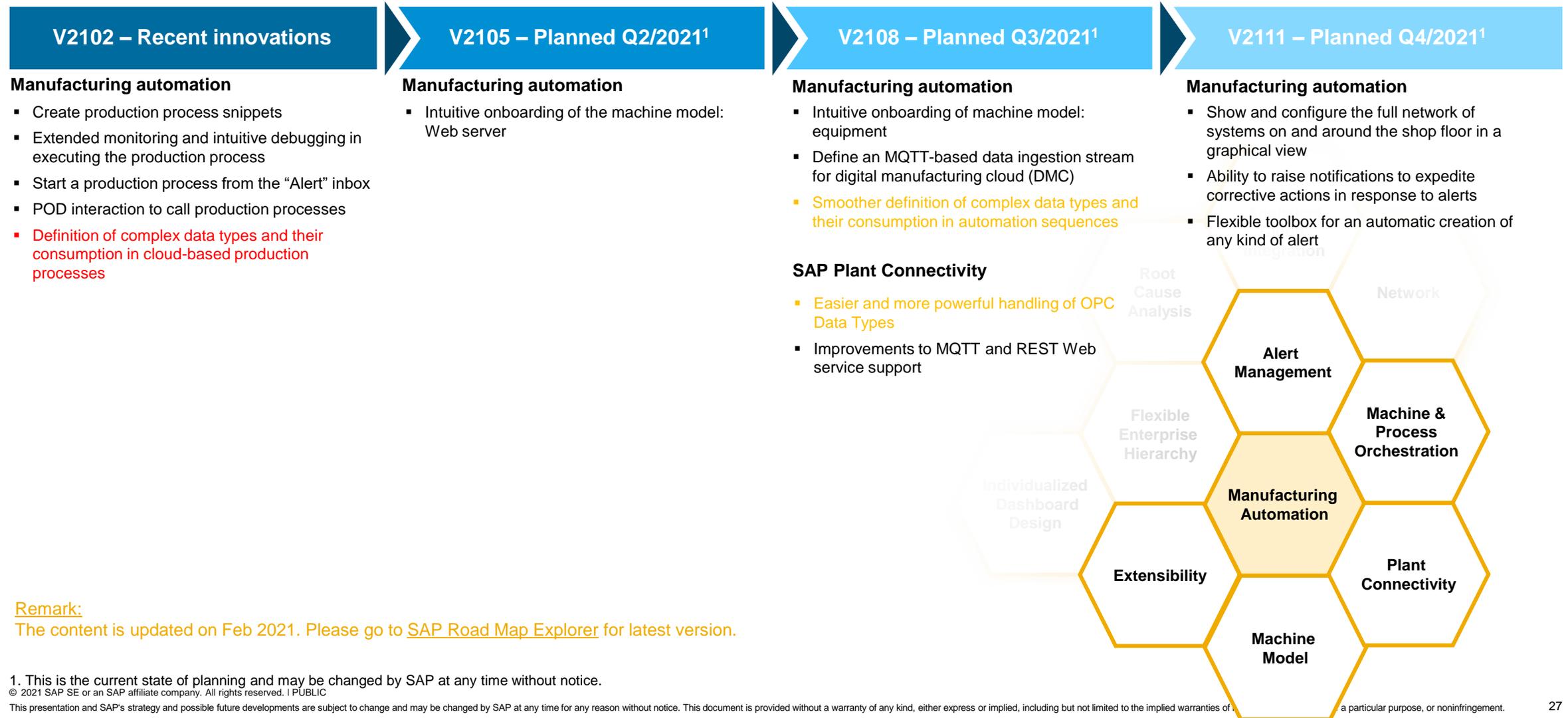
- Use *POD Designer* app
- Configure the Production Process call with this button
- Match Parameters with Variables that give values from the POD for the context defined for the process OR input a constant value for the parameter

Operator gets button offered in POD

- When operator clicks the button, the POD calls the production process in the process engine
- Give the defined parameters to the process engine
- Display applicable message

SAP Digital Manufacturing Cloud for insights: Manufacturing Automation

Product road map overview



Complex (structured) Data Types in Manufacturing Automation

Objectives

- Provide default mappings to speed up and simplify configuration
- Easy mapping of structured data types between sources and destinations
- Support of customer specific OPC UA data types
- End-to-End consistent data type handling (MM)



Customer Benefit

- Easy and quick configuration of structured data types by MM
- Customers can define data type libraries corresponding to their business objects
- Tight integration into OPC UA and DMC on both ends
- Support of SFD to enhance and simplify machine data handling
- Reuse of structured data types minimizes configuration effort (e.g. Webservice definitions)

SAP Digital Manufacturing Cloud for insights: Manufacturing Automation

Product road map overview

V2102 – Recent innovations

Manufacturing automation

- Create production process snippets
- Extended monitoring and intuitive debugging in executing the production process
- Start a production process from the “Alert” inbox
- POD interaction to call production processes
- Definition of complex data types and their consumption in cloud-based production processes

V2105 – Planned Q2/2021¹

Manufacturing automation

- Intuitive onboarding of the machine model: Web server

V2108 – Planned Q3/2021¹

Manufacturing automation

- Intuitive onboarding of machine model: equipment
- Define an MQTT-based data ingestion stream for digital manufacturing cloud (DMC)
- Smoother definition of complex data types and their consumption in automation sequences

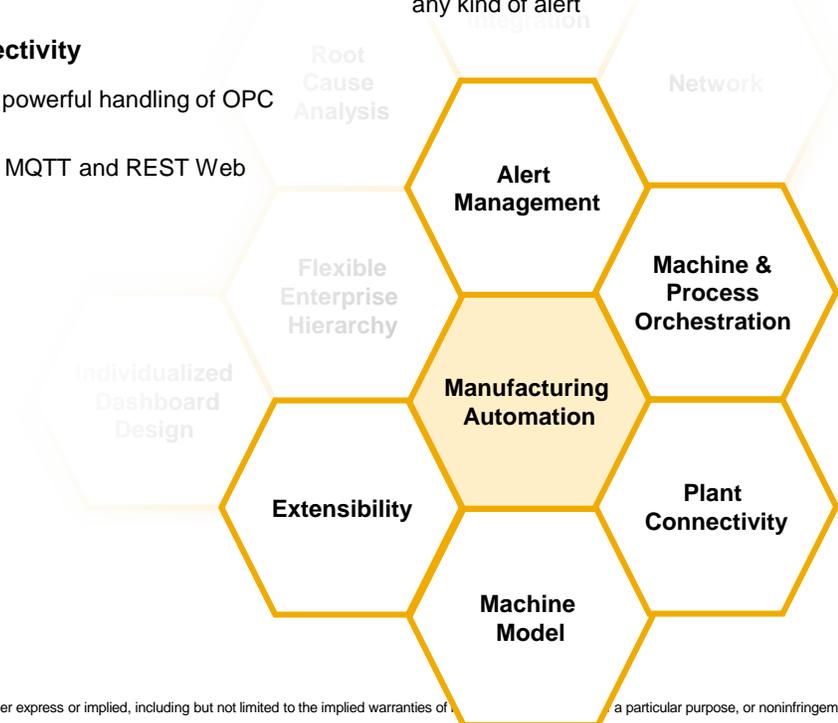
SAP Plant Connectivity

- Easier and more powerful handling of OPC Data Types
- Improvements to MQTT and REST Web service support

V2111 – Planned Q4/2021¹

Manufacturing automation

- Show and configure the full network of systems on and around the shop floor in a graphical view
- Ability to raise notifications to expedite corrective actions in response to alerts
- Flexible toolbox for an automatic creation of any kind of alert



Remark:

The content is updated on Feb 2021. Please go to [SAP Road Map Explorer](#) for latest version.

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

© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

This presentation and SAP's strategy and possible future developments are subject to change and may be changed by SAP at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of, a particular purpose, or noninfringement.

SAP Digital Manufacturing Cloud for insights: Manufacturing Automation

Product road map overview

V2102 – Recent innovations

Manufacturing automation

- Create production process snippets
- Extended monitoring and intuitive debugging in executing the production process
- Start a production process from the “Alert” inbox
- POD interaction to call production processes
- Definition of complex data types and their consumption in cloud-based production processes

V2105 – Planned Q2/2021¹

Manufacturing automation

- Intuitive onboarding of the machine model: Web server

V2108 – Planned Q3/2021¹

Manufacturing automation

- Intuitive onboarding of machine model: equipment
- Define an MQTT-based data ingestion stream for digital manufacturing cloud (DMC)
- Smoother definition of complex data types and their consumption in automation sequences

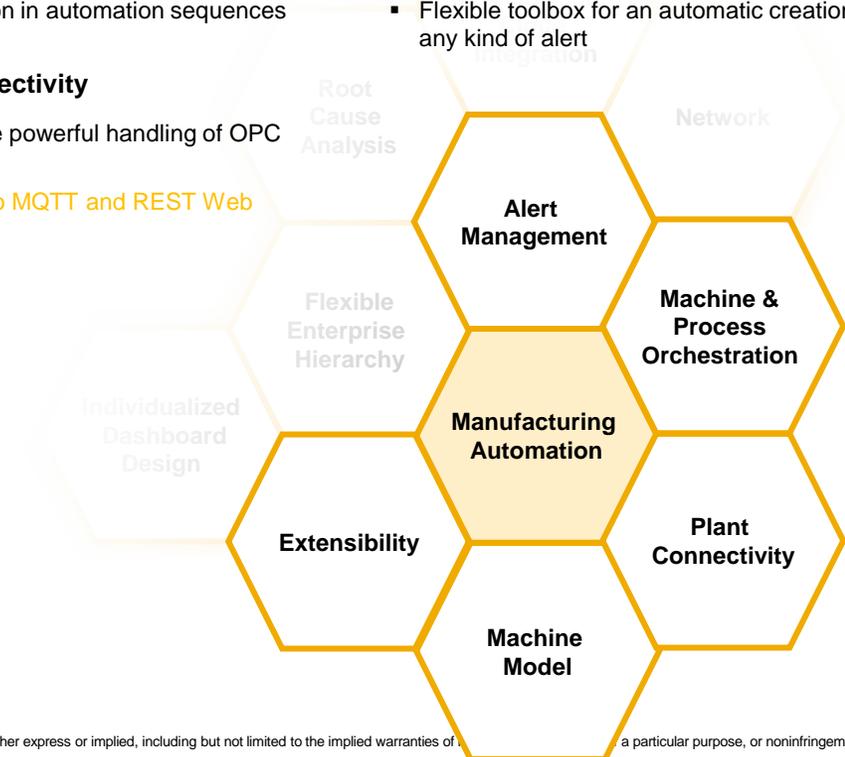
SAP Plant Connectivity

- Easier and more powerful handling of OPC Data Types
- Improvements to MQTT and REST Web service support

V2111 – Planned Q4/2021¹

Manufacturing automation

- Show and configure the full network of systems on and around the shop floor in a graphical view
- Ability to raise notifications to expedite corrective actions in response to alerts
- Flexible toolbox for an automatic creation of any kind of alert



Remark:

The content is updated on Feb 2021. Please go to [SAP Road Map Explorer](#) for latest version.

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

© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

This presentation and SAP's strategy and possible future developments are subject to change and may be changed by SAP at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of fitness for a particular purpose, or noninfringement.

SAP Digital Manufacturing Cloud for insights: Manufacturing Automation

Product road map overview

V2102 – Recent innovations

Manufacturing automation

- Create production process snippets
- Extended monitoring and intuitive debugging in executing the production process
- Start a production process from the “Alert” inbox
- POD interaction to call production processes
- Definition of complex data types and their consumption in cloud-based production processes

V2105 – Planned Q2/2021¹

Manufacturing automation

- Intuitive onboarding of the machine model: Web server

V2108 – Planned Q3/2021¹

Manufacturing automation

- Intuitive onboarding of machine model: equipment
- Define an MQTT-based data ingestion stream for digital manufacturing cloud (DMC)
- Smoother definition of complex data types and their consumption in automation sequences

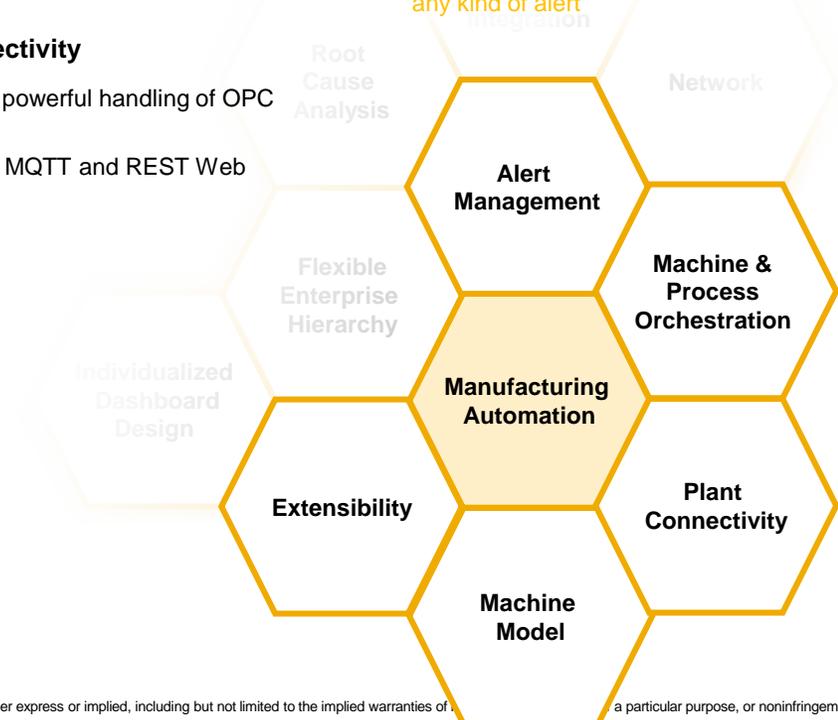
SAP Plant Connectivity

- Easier and more powerful handling of OPC Data Types
- Improvements to MQTT and REST Web service support

V2111 – Planned Q4/2021¹

Manufacturing automation

- Show and configure the full network of systems on and around the shop floor in a graphical view
- Ability to raise notifications to expedite corrective actions in response to alerts
- Flexible toolbox for an automatic creation of any kind of alert



Remark:

The content is updated on Feb 2021. Please go to [SAP Road Map Explorer](#) for latest version.

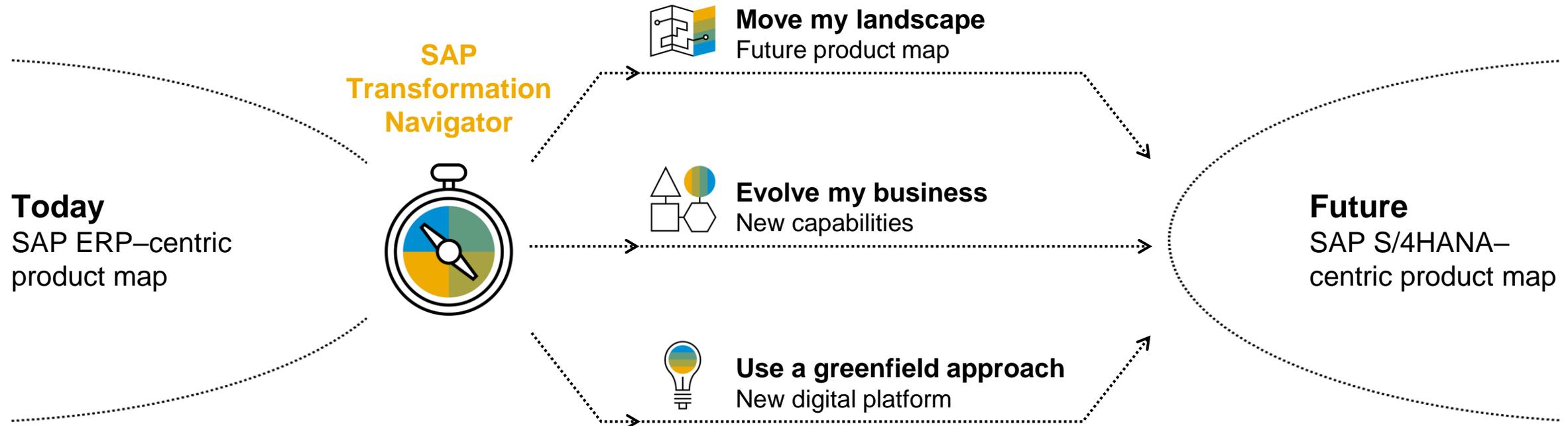
1. This is the current state of planning and may be changed by SAP at any time without notice.

© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

This presentation and SAP's strategy and possible future developments are subject to change and may be changed by SAP at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of fitness for a particular purpose, or noninfringement.

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`

The product road map for digital manufacturing from SAP includes SAP Manufacturing Execution, SAP Manufacturing Integration and Intelligence, SAP Plant Connectivity, SAP Digital Manufacturing Cloud, and SAP S/4HANA Manufacturing for production engineering and operations, which build the foundation for Industry 4.0 in the cloud and on premise.

Product road maps for digital manufacturing available on SAP Road Map Explorer roadmaps.sap.com/:

- [SAP S/4HANA Manufacturing for production engineering and operations](#)
- [SAP Manufacturing Suite](#)



Learn more

SAP customers and partners

- ▶ [SAP Road Maps](#)
- ▶ [SAP Community](#)
- ▶ [IT Planning Resources](#)
- ▶ [Innovation Discovery](#)
- ▶ [SAP Transformation Navigator](#)
- ▶ [SAP User Groups](#)
- ▶ [SAP Help Portal](#)
- ▶ [Manufacturing Community at SAP](#)



Thank you.

Contact information:

John Cohenour

Product Owner – SAP Digital Manufacturing Cloud for Execution

john.cohenour@sap.com

Dr. Subanatarajan Subbiah

Chief Product Owner – SAP Digital Manufacturing Cloud for Insights

subanatarajan.subbiah@sap.com

Dr. Thilo Sieth

Product Owner (SAP Digital Manufacturing Cloud) &
Project Lead (SAP Production Engineering and Operations)

thilo.sieth@sap.com



Follow us



www.sap.com/contactsap

Studio SAP | 58148enUS (19/11)

© 2019 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platforms, directions, and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

See <https://www.sap.com/copyright> for additional trademark information and notices.