

## MOVE YOUR ERP TO THE CLOUD WEBINAR SERIES

- ❑ **22 Okt – SAP S/4HANA Cloud Manufacturing Special**
- ❑ 19 Nov – SAP S/4HANA Cloud Migration Special

[scheer-nederland.nl/webinars-overstappen-naar-cloud-erp/](https://scheer-nederland.nl/webinars-overstappen-naar-cloud-erp/)



# SAP S/4HANA CLOUD MANUFACTURING SPECIAL

MARTIJN MOOK & STEFAN BAUER | 22 OKTOBER 2020

# SAP S/4HANA CLOUD MANUFACTURING SPECIAL – PART 1

19 MAART 2020

## BLOG

[HTTPS://SCHEER-  
NEDERLAND.NL/S-4HANA-CLOUD-  
MANUFACTURING-SPECIAL-  
RELEASE-2002/](https://scheer-nederland.nl/s-4hana-cloud-manufacturing-special-release-2002/)

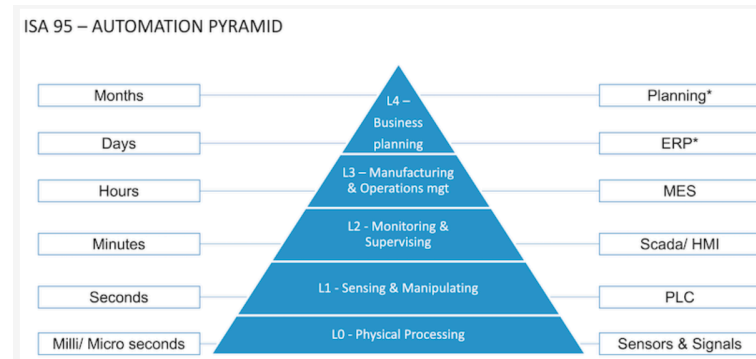
## REPLAY

[HTTPS://YOUTU.BE/BMQ-C7CTNP8](https://youtu.be/BMQ-C7CTNP8)

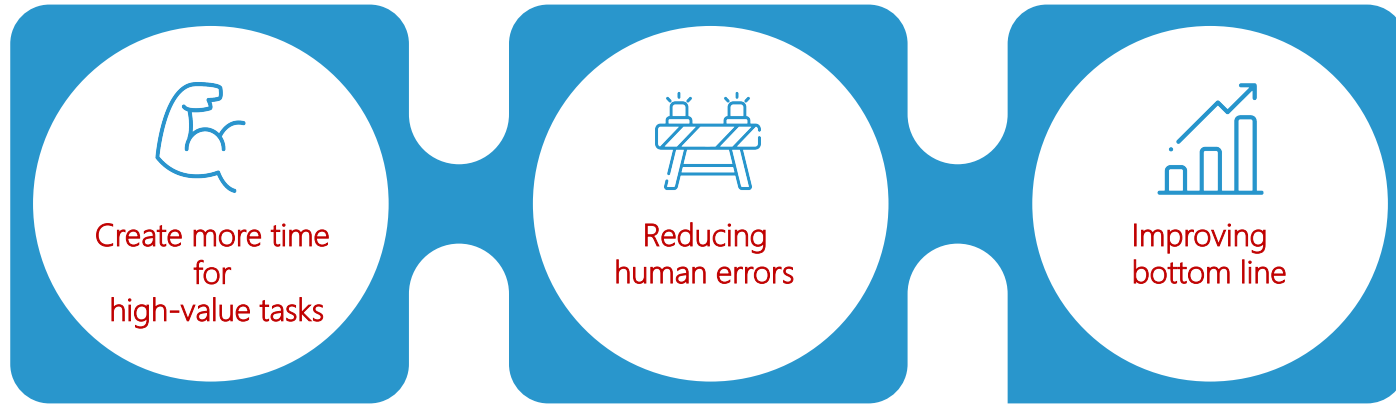
## ALL REPLAYS

[HTTPS://SCHEER-  
NEDERLAND.NL/REPLAYS-  
WEBINARS-CLOUD-ERP/](https://scheer-nederland.nl/replays-webinars-cloud-erp/)

- Which applications does SAP have to do manufacturing from the Cloud?
- What is the on-boarding process towards S/4HANA Cloud for manufacturing companies?
  - What needs to be managed related to manufacturing in the organization?
  - How does the interaction take place between the different levels at which activities are carried out?



# IMPACT OF NO TOUCH ORDER PROCESSING



## PRESENTERS



**Martijn Mook**

SAP S/4HANA CLOUD MANUFACTURING CONSULTANT

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# AGENDA

## MANUFACTURING SPECIAL – NO TOUCH ORDER PROCESSING

Intro

1

SAP S/4HANA Cloud  
Manufacturing

2

No Touch Order  
Process

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UPDATES 2008

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Q&A

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CLOSING

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# SCHEER WORLDWIDE

Process Experts!

**Y Scheer**



## August-Wilhelm Scheer

German professor



[august-wilhelm-scheer.com](http://august-wilhelm-scheer.com)

August-Wilhelm Scheer is a German Professor of business administration and business information at the Saarland University, and founder and director of IDS Scheer AG, a major IT service and software company. He is known for the development of the Architecture of Integrated Information Systems concept. [Wikipedia](#)

**Born:** July 27, 1941 (age 79 years), [Lübbecke, Germany](#)

**Organizations founded:** [IDS Scheer](#), [IMC AG](#)

**Education:** [University of Hamburg](#), [Saarland University](#)

**Awards:** [Philip Morris Research Prize](#)

**Edited works:** [Business Process Excellence: ARIS in Practice](#), [MORE](#)

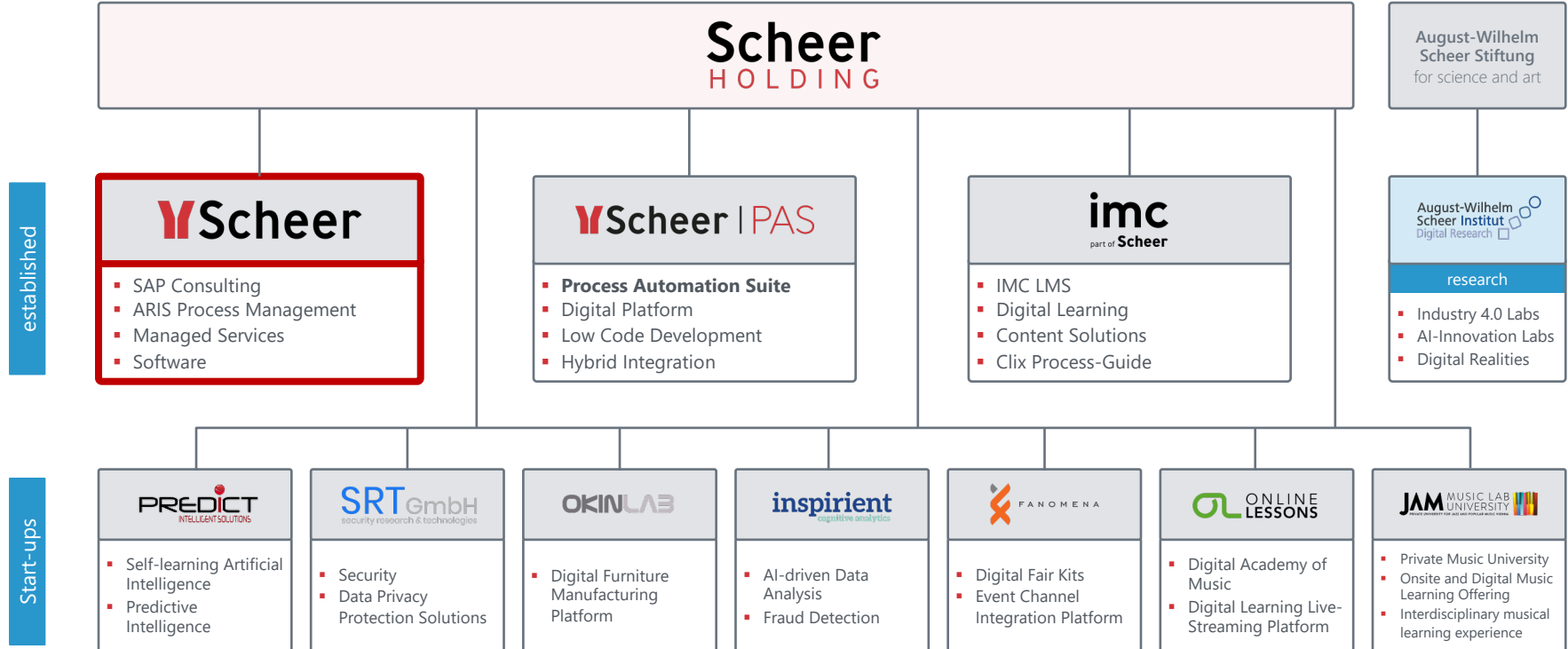
1984

IDS Scheer

2012

Scheer

# SCHEER HOLDING



# SCHEER WORLDWIDE

30 offices

1,100+ employees

1,500+ customers

## Sectors:

Automotive, Chemicals, Consumer Goods , Energy, Finance, Manufacturing , Pharma, Public Administration, Services , elecoms

## Expertise:

- ☐ SAP
- ☐ BPM
- ☐ ARIS
- ☐ SCHEER PAS
- ☐ MANAGED SERVICES

**Scheer**



## SCHEER NETHERLANDS

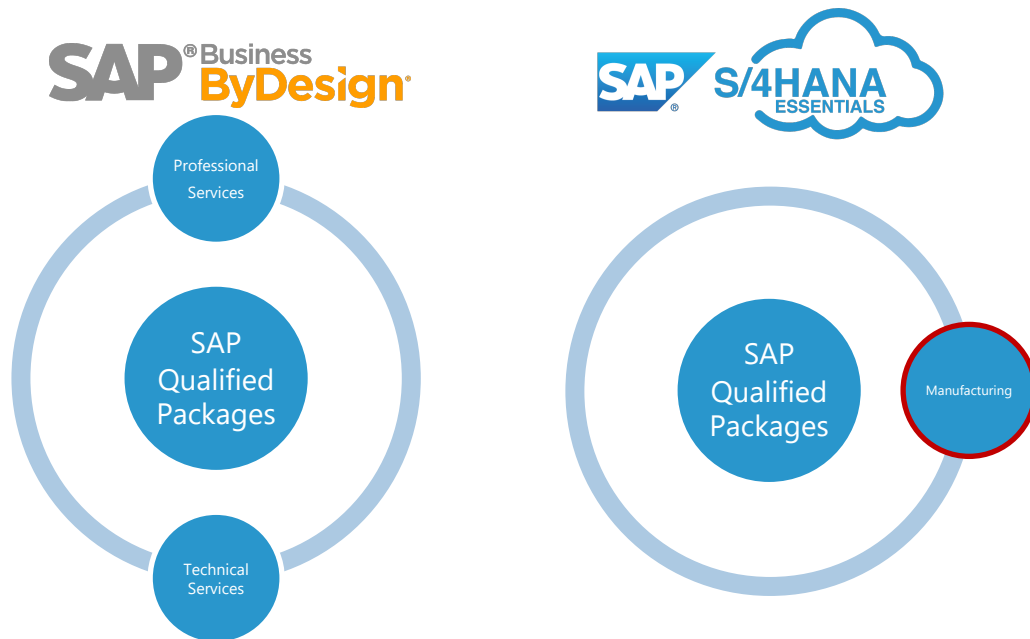
### Industry Expertise:

- ☐ Consumer Goods
- ☐ Manufacturing
- ☐ Professional Services
- ☐ Technical Services

### SAP Expertise:

- ☐ SAP ECC
- ☐ SAP S/4HANA
- ☐ SAP S/4HANA Cloud
- ☐ SAP Business ByDesign
- ☐ SAP on Azure

## SAP® Qualified Partner-Packaged Solution



**SAP® Recognized Expertise**  
in SAP Business ByDesign®

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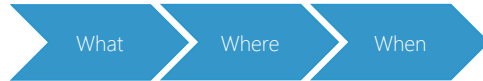
Q&A

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CLOSING

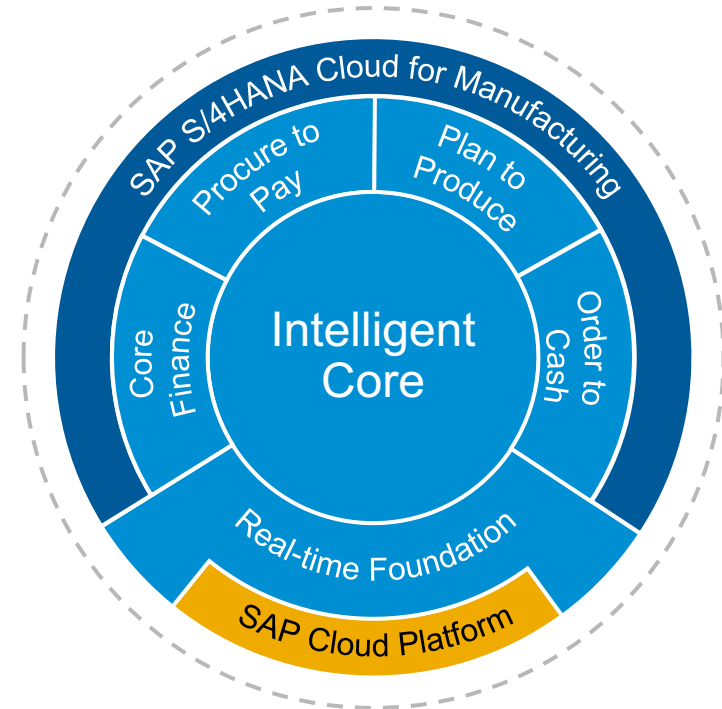
7

# WHY DEPLOYING SAP S/4HANA CLOUD FOR MANUFACTURING?



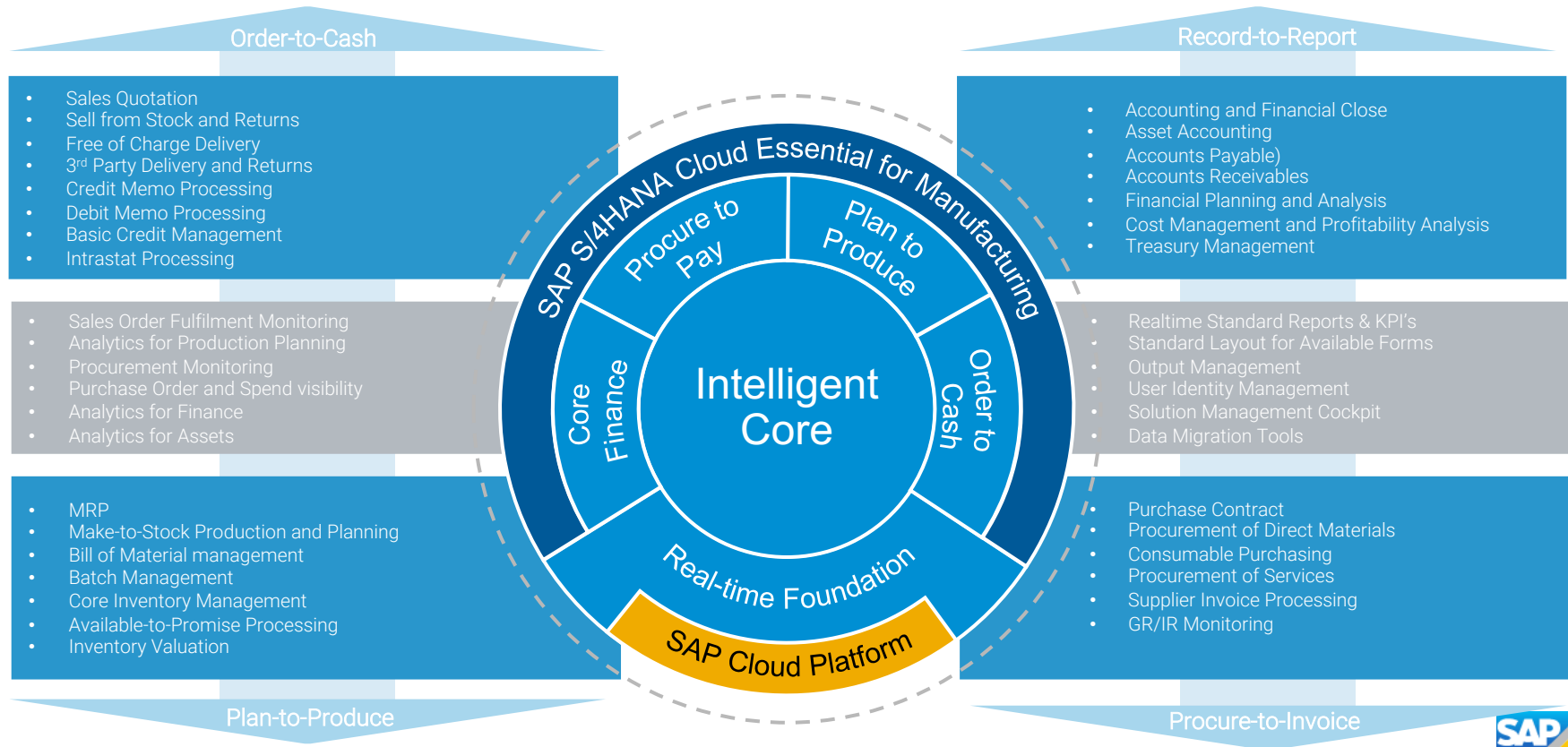
- Short Implementation time & easy adaption
- Fit to standard Best Practices
- Including Compliance & Regulations
- Including Security
- Including Scalability
- Including Quarterly Innovation Cycles

# SAP S/4HANA CLOUD & MANUFACTURING





# MANUFACTURING SCOPE DETAILS

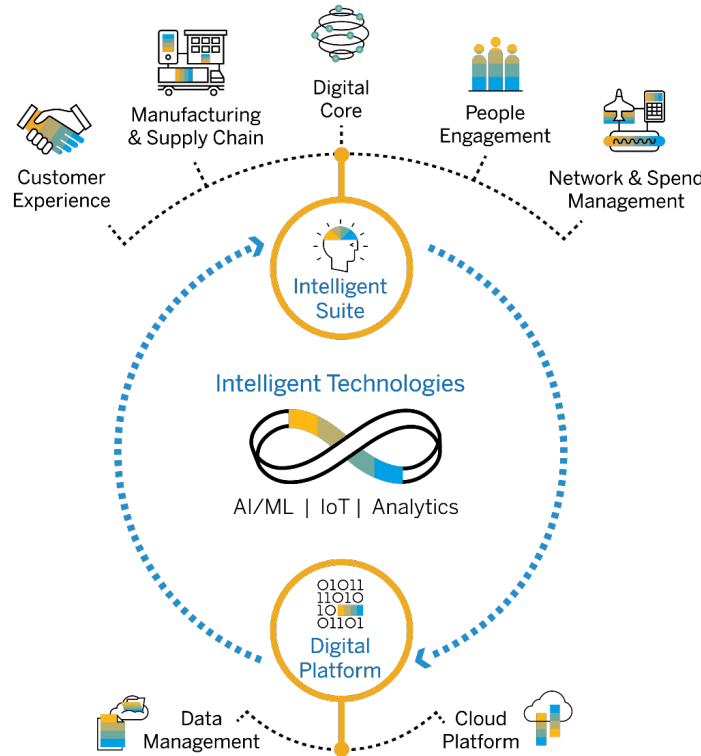


# DIRECT BENEFIT FROM THE INTELLIGENT ENTERPRISE FRAMEWORK

## THE INTELLIGENT ENTERPRISE

Features 4 KEY Pillars

- 1 **Digital Age User Experience**
- 2 **Intelligent Automation**
- 3 **Support your New Business Models**
- 4 **End-to-end Analytics & Real-time Steering**



## MANUFACTURING

### Exceptional Customer Experience

- Accurate promising
- Variant configuration
- Faster problem resolution
- Predictive analytics

### Operations Management Excellence

- Insight to action
- Real-time visibility
- Connectivity to factory floor
- Demand-driven supply chains

### Intelligent Business Processes

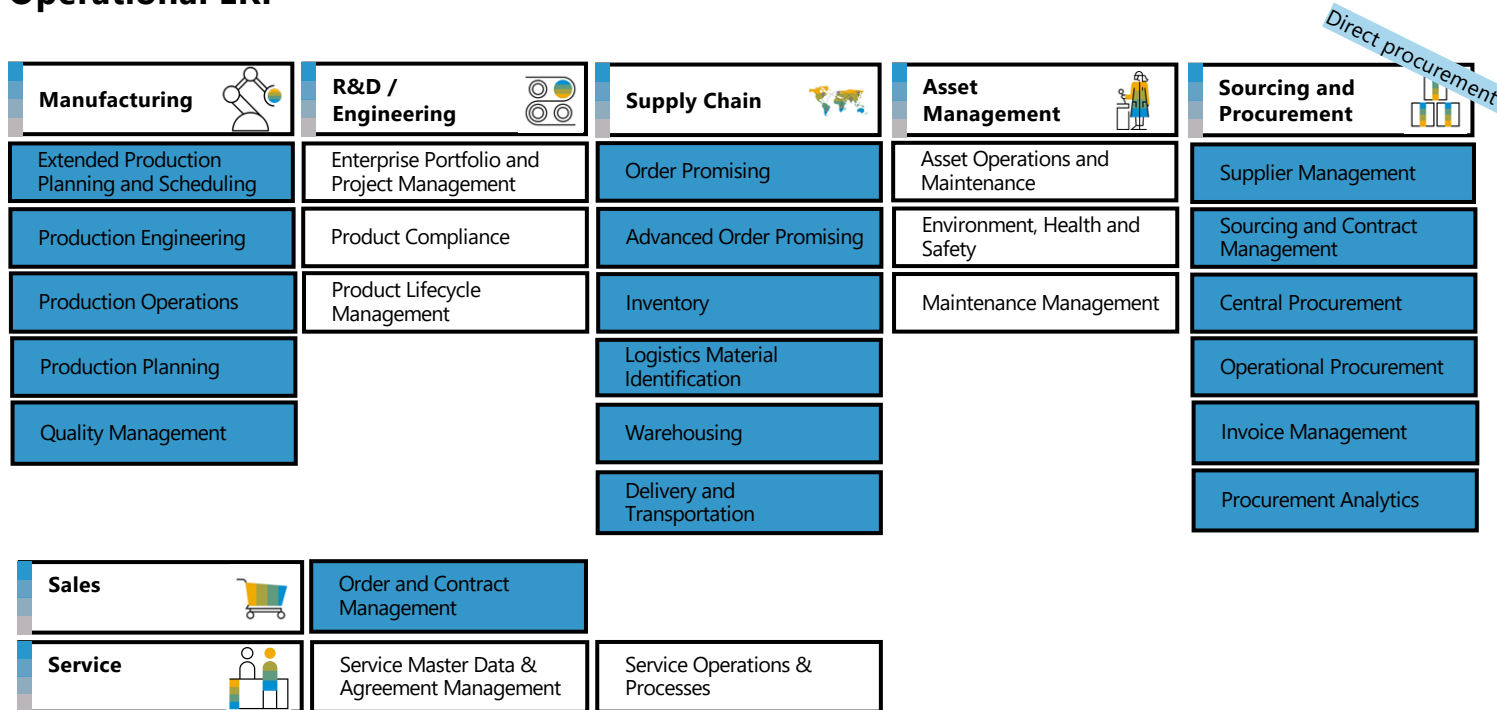
- SAP embedded Best Practices
- Digital assistance
- Machine Learning-assisted automation
- User-specific business insights

Operational models must change to prosper in the digital economy

# SAP BEST PRACTICES FOR SAP S/4HANA CLOUD – RELEASE 2008

## BUSINESS AREA IN LINE OF BUSINESS

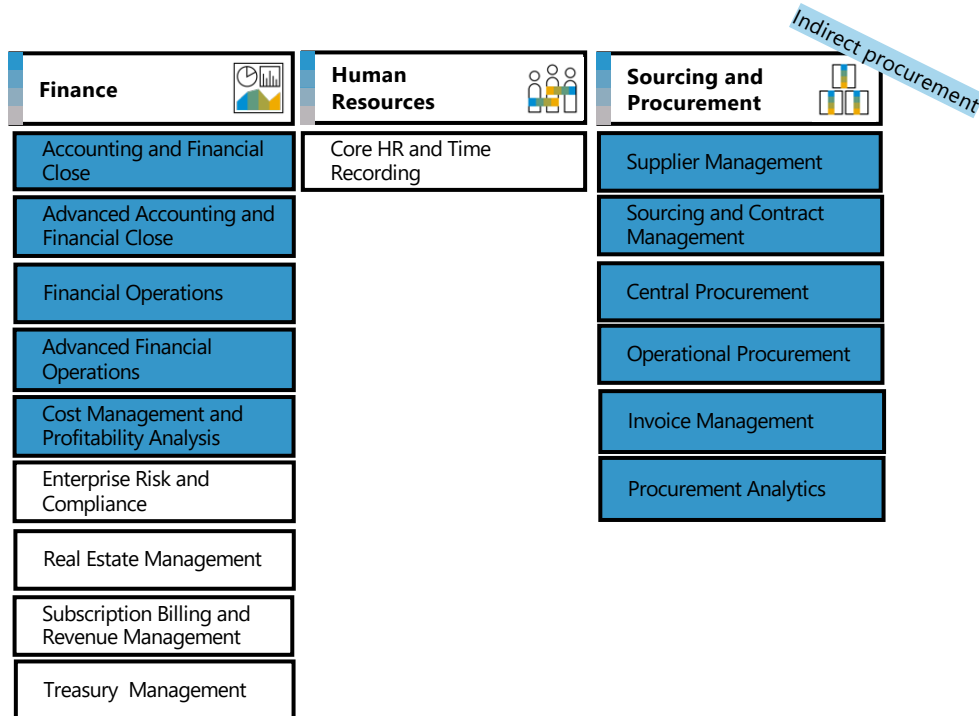
### Operational ERP



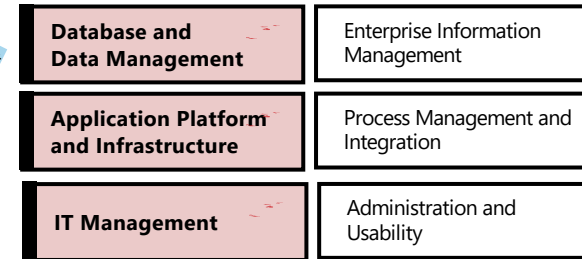
# SAP BEST PRACTICES FOR SAP S/4HANA CLOUD

## BUSINESS AREA IN LINE OF BUSINESS / TECHNOLOGY

### Administrative ERP



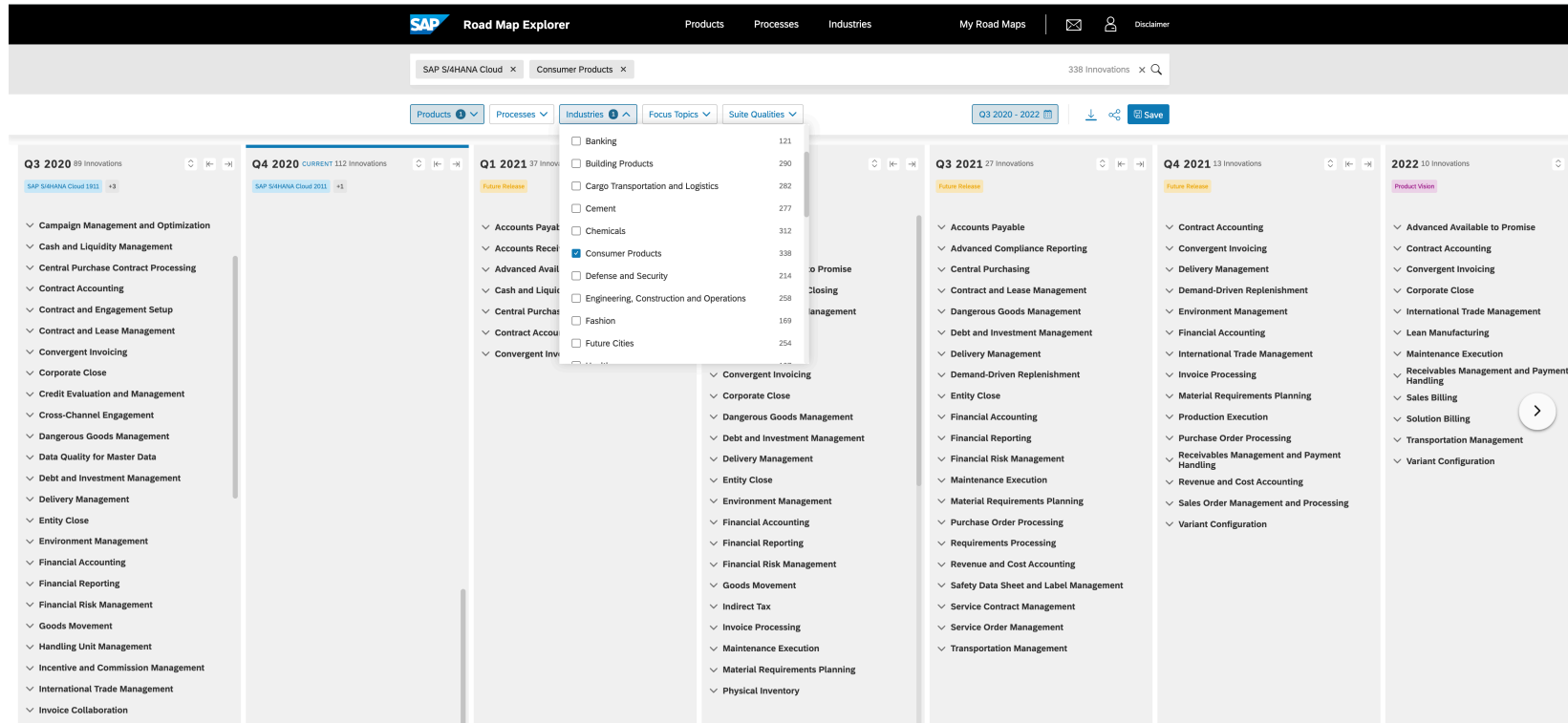
### Real-time foundation



### Solutions for Specific Industries



# DISCOVER ROADMAP UPDATES: [HTTPS://ROADMAPS.SAP.COM/BOARD](https://roadmaps.sap.com/board)



The screenshot displays the SAP Road Map Explorer interface. At the top, the navigation bar includes the SAP logo, "Road Map Explorer", and tabs for Products, Processes, Industries, and My Road Maps. Below the navigation bar, there are filters for "SAP S/4HANA Cloud 1911" and "Consumer Products", along with a search bar showing "338 Innovations".

The main content area is divided into several columns, each representing a different SAP product or industry. The columns are:

- Q3 2020** 89 Innovations: Includes categories like Campaign Management and Optimization, Cash and Liquidity Management, Central Purchase Contract Processing, Contract Accounting, Contract and Engagement Setup, Contract and Lease Management, Convergent Invoicing, Corporate Close, Credit Evaluation and Management, Cross-Channel Engagement, Dangerous Goods Management, Data Quality for Master Data, Debt and Investment Management, Delivery Management, Entity Close, Environment Management, Financial Accounting, Financial Reporting, Financial Risk Management, Goods Movement, Handling Unit Management, Incentive and Commission Management, International Trade Management, and Invoice Collaboration.
- Q4 2020 CURRENT** 112 Innovations: Includes categories like Campaign Management and Optimization, Cash and Liquidity Management, Central Purchase Contract Processing, Contract Accounting, Contract and Engagement Setup, Contract and Lease Management, Convergent Invoicing, Corporate Close, Credit Evaluation and Management, Cross-Channel Engagement, Dangerous Goods Management, Data Quality for Master Data, Debt and Investment Management, Delivery Management, Entity Close, Environment Management, Financial Accounting, Financial Reporting, Financial Risk Management, Goods Movement, Handling Unit Management, Incentive and Commission Management, International Trade Management, and Invoice Collaboration.
- Q1 2021** 37 Innovations: Includes categories like Campaign Management and Optimization, Cash and Liquidity Management, Central Purchase Contract Processing, Contract Accounting, Contract and Engagement Setup, Contract and Lease Management, Convergent Invoicing, Corporate Close, Credit Evaluation and Management, Cross-Channel Engagement, Dangerous Goods Management, Data Quality for Master Data, Debt and Investment Management, Delivery Management, Entity Close, Environment Management, Financial Accounting, Financial Reporting, Financial Risk Management, Goods Movement, Handling Unit Management, Incentive and Commission Management, International Trade Management, and Invoice Collaboration.
- Q3 2021** 27 Innovations: Includes categories like Campaign Management and Optimization, Cash and Liquidity Management, Central Purchase Contract Processing, Contract Accounting, Contract and Engagement Setup, Contract and Lease Management, Convergent Invoicing, Corporate Close, Credit Evaluation and Management, Cross-Channel Engagement, Dangerous Goods Management, Data Quality for Master Data, Debt and Investment Management, Delivery Management, Entity Close, Environment Management, Financial Accounting, Financial Reporting, Financial Risk Management, Goods Movement, Handling Unit Management, Incentive and Commission Management, International Trade Management, and Invoice Collaboration.
- Q4 2021** 13 Innovations: Includes categories like Campaign Management and Optimization, Cash and Liquidity Management, Central Purchase Contract Processing, Contract Accounting, Contract and Engagement Setup, Contract and Lease Management, Convergent Invoicing, Corporate Close, Credit Evaluation and Management, Cross-Channel Engagement, Dangerous Goods Management, Data Quality for Master Data, Debt and Investment Management, Delivery Management, Entity Close, Environment Management, Financial Accounting, Financial Reporting, Financial Risk Management, Goods Movement, Handling Unit Management, Incentive and Commission Management, International Trade Management, and Invoice Collaboration.
- 2022** 10 Innovations: Includes categories like Campaign Management and Optimization, Cash and Liquidity Management, Central Purchase Contract Processing, Contract Accounting, Contract and Engagement Setup, Contract and Lease Management, Convergent Invoicing, Corporate Close, Credit Evaluation and Management, Cross-Channel Engagement, Dangerous Goods Management, Data Quality for Master Data, Debt and Investment Management, Delivery Management, Entity Close, Environment Management, Financial Accounting, Financial Reporting, Financial Risk Management, Goods Movement, Handling Unit Management, Incentive and Commission Management, International Trade Management, and Invoice Collaboration.

A dropdown menu is open over the "Industries" filter, showing a list of industries with their respective innovation counts:

- Banking: 121
- Building Products: 290
- Cargo Transportation and Logistics: 282
- Cement: 277
- Chemicals: 312
- Consumer Products: 338
- Defense and Security: 214
- Engineering, Construction and Operations: 258
- Fashion: 169
- Future Cities: 254

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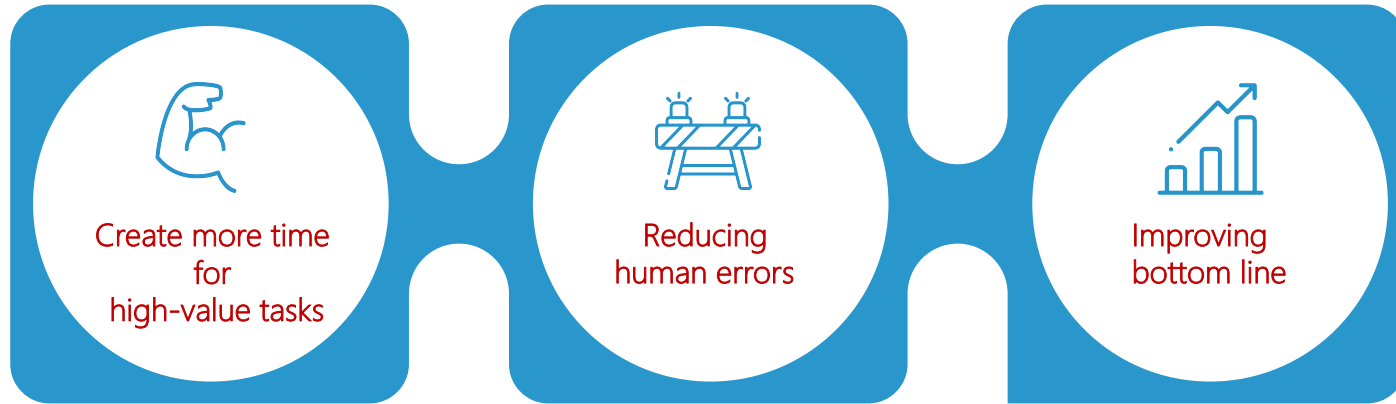
Q&A

6

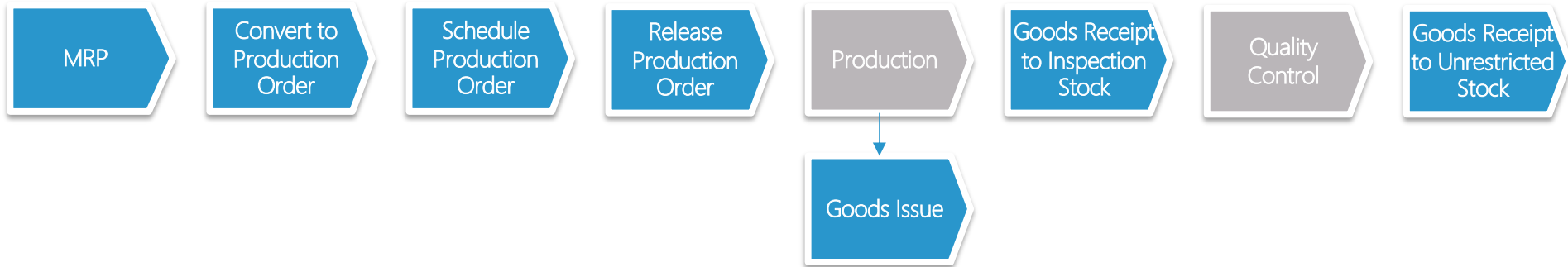
CLOSING

7

## IMPACT OF NO TOUCH ORDER PROCESSING



## Regular Plan-to-Produce Process



Automated Task

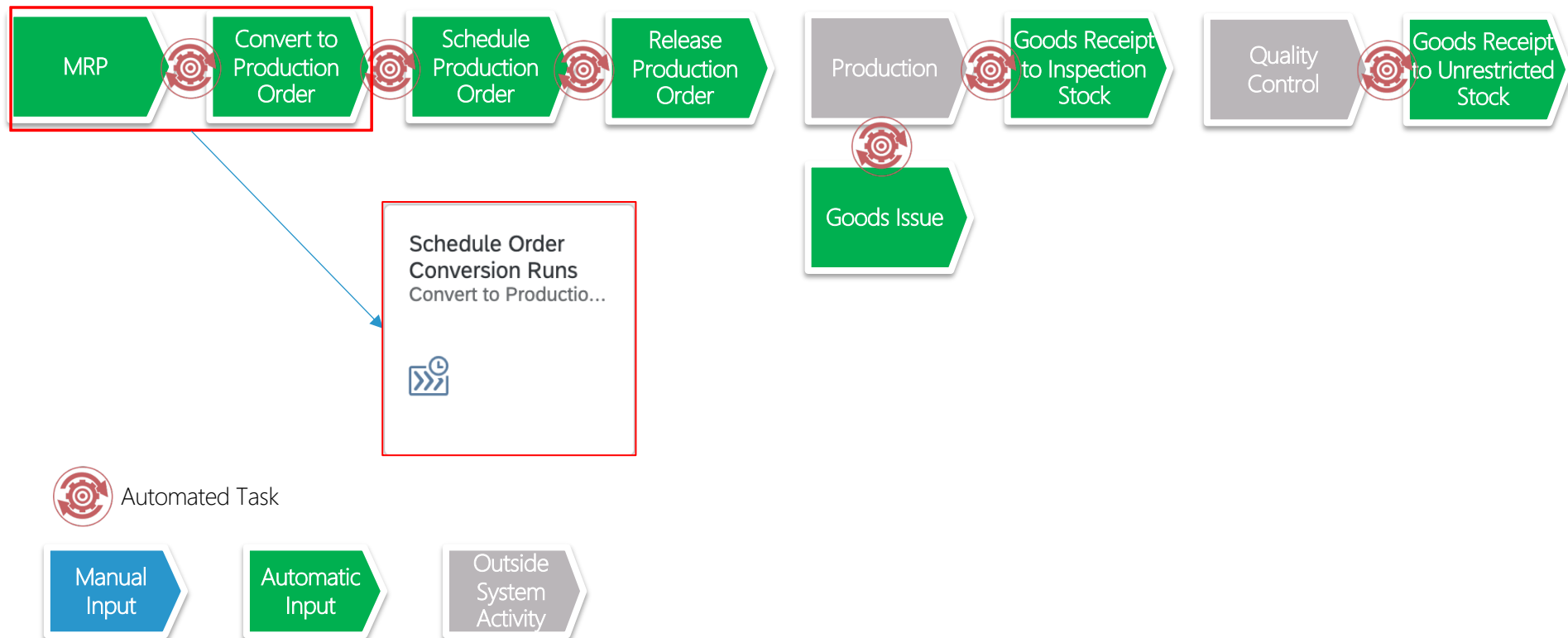




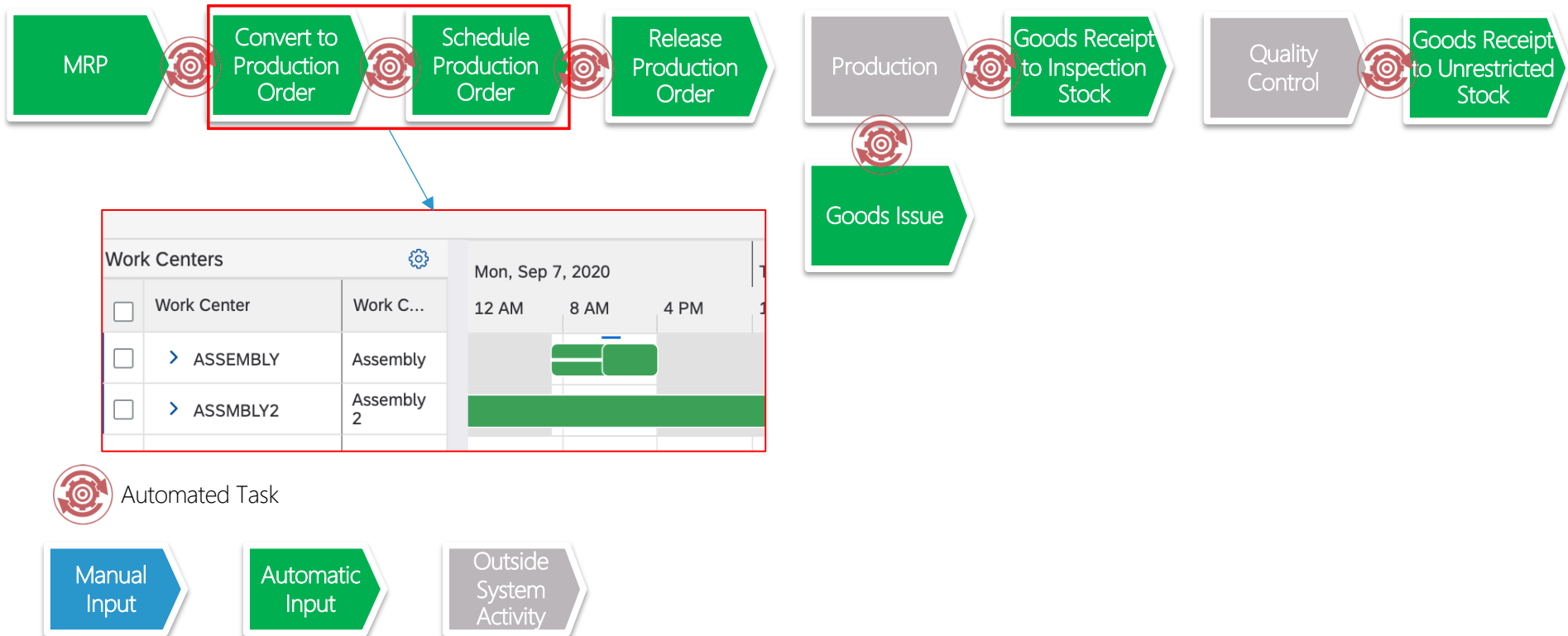
## No-Touch Plan-to-Produce Process



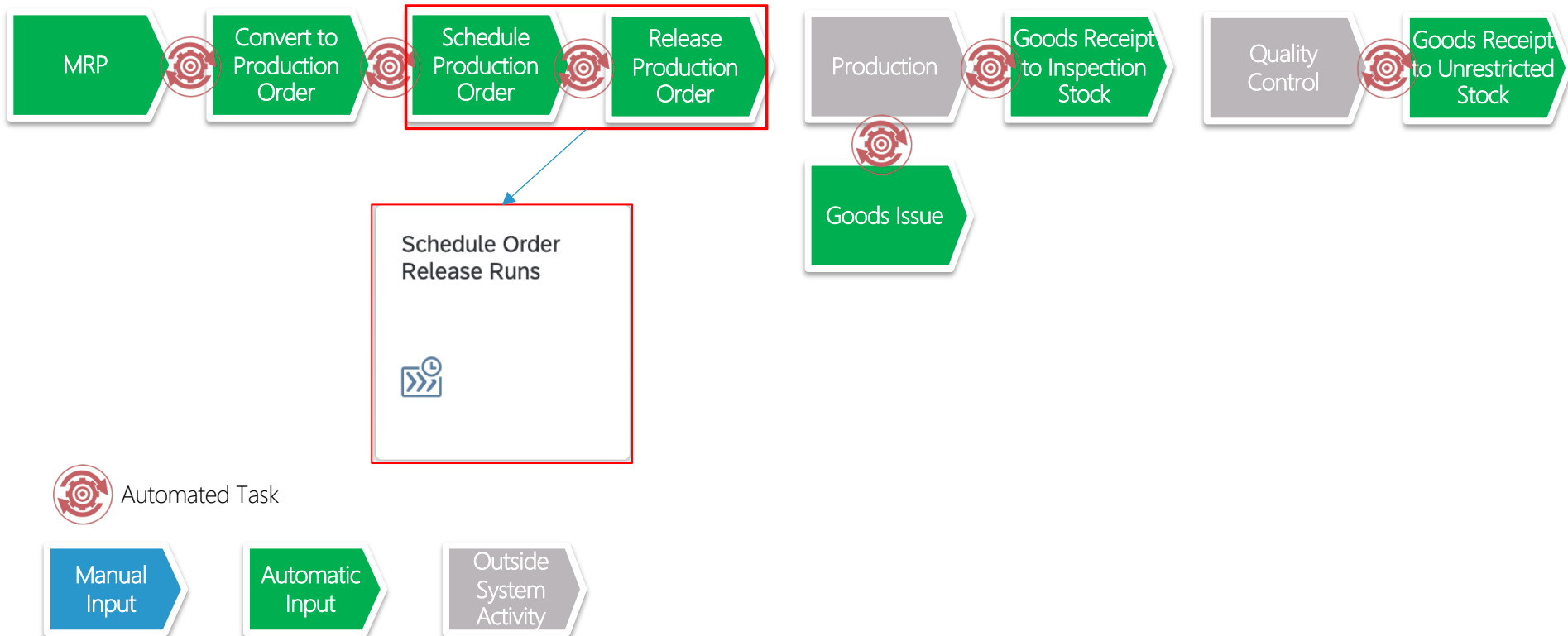
## No-Touch Plan-to-Produce Process



## No-Touch Plan-to-Produce Process



## No-Touch Plan-to-Produce Process



## No-Touch Plan-to-Produce Process



Automated Task



## No-Touch Plan-to-Produce Process



Usage Decision

Quality Score

**Accepted-unrestricted stock**

**100**

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## UPDATE MANUFACTURING IN S/4HANA CLOUD RELEASE 2008

A light blue circle with a white outline, positioned to the left of the first list item.

**Monitor Work Center Schedules**

A light blue circle with a white outline, positioned to the left of the second list item.

**Area of Responsibility**

A light blue circle with a white outline, positioned to the left of the third list item.

**Hand Over Purchase Requisitions**

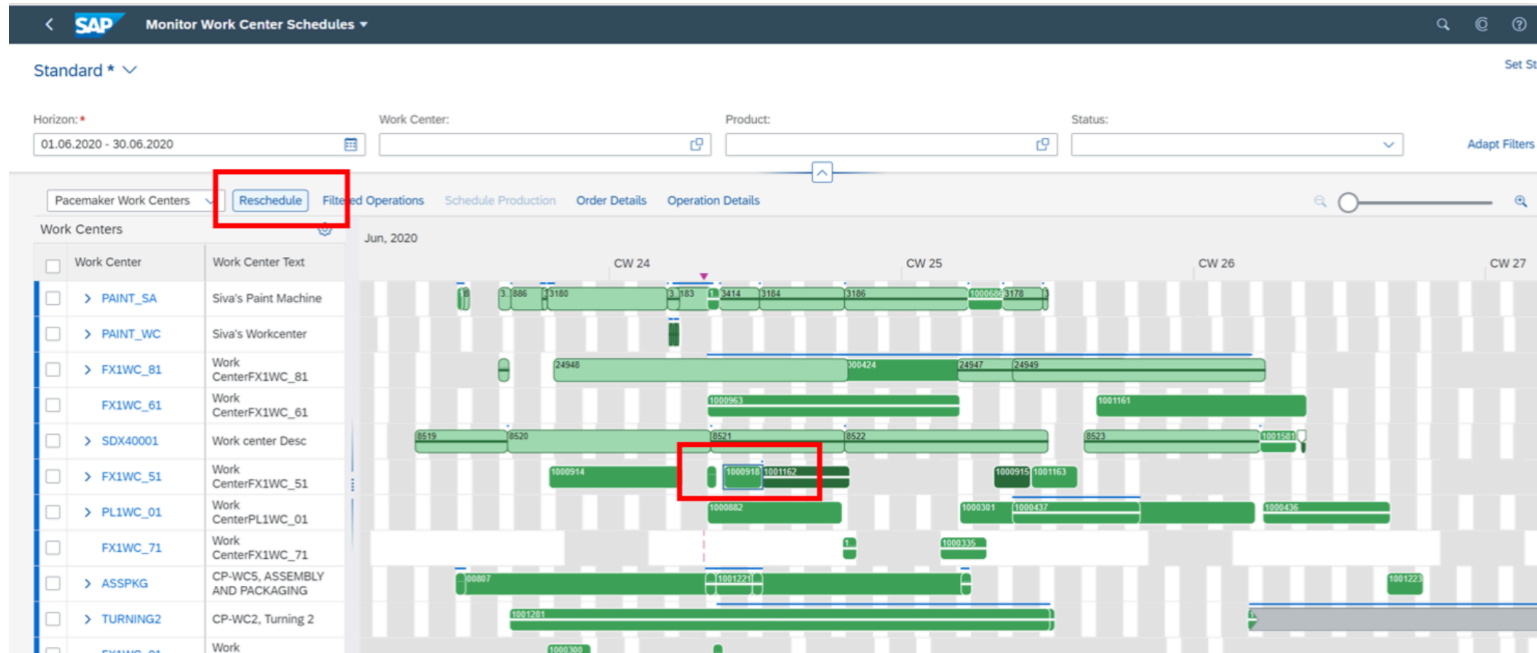
A light blue circle with a white outline, positioned to the left of the fourth list item.

**Predictive Material and Resource Planning**









# PRODUCTION PLANNING

## Monitor Work Center Schedules



# PRODUCTION PLANNING

## Area of Responsibility

| Plant / MRP Controller Combinations (15) |       |                 |                |                     | Assign  | Unassign | ⚙ |
|--|-------|-----------------|----------------|---------------------|---|----------|---|
| <input type="checkbox"/>                 | Plant | Plant Name      | MRP Controller | MRP Controller Name | AOR Status  |          |   |
| <input type="checkbox"/>                 | 1710  | Plant 1 US      | 001            | MRP Controller 001  |  |          |   |
| <input type="checkbox"/>                 | 1710  | Plant 1 US      | 002            | MRP Controller 002  |  |          |   |
| <input type="checkbox"/>                 | 3710  | Plant Scheer NL | 001            | MRP Controller 001  |  |          |   |
| <input checked="" type="checkbox"/>      | 3710  | Plant Scheer NL | 002            | MRP Controller 002  |  |          |   |
| <input type="checkbox"/>                 | 1010  | Plant 1 DE      | 001            | MRP Controller 001  |  |          |   |
| <input type="checkbox"/>                 | 1010  | Plant 1 DE      | 002            | MRP Controller 002  |  |          |   |

# PRODUCTION PLANNING

## Hand Over Purchase Requisitions

The screenshot displays the SAP 'Hand Over Purchase Requisitions' interface. At the top, there are filter fields for Status Description (set to 'Handover Pending'), Material, Supplier, and Delivery date. Below these is a table of 7 purchase requisitions. Red dashed arrows indicate the workflow: one arrow points from the 'Hand Over' button in the table header to a confirmation dialog; another points from the 'Change Purchase Requisition' button to an 'Edit Purchase Requisition Item' dialog; and a third points from the 'Delete' button to a 'Delete Purchase Requisition' dialog.

| Purchase Requisition              | Req. Item | Status Description | Material  | Supplier  | Delivery Date | Quantity  |
|-----------------------------------|-----------|--------------------|---|-----------|---------------|-----------|
| <input type="checkbox"/> 10022994 | 10        | Handover Pending   | WW Trading Good 0011.PD.Regular Proc. (WW-TG0011) | 10100088  | 11.09.2020    | 17,000 PC |
| <input type="checkbox"/> 10024188 | 10        | Handover Pending   | WW Trading Good 0011.PD.Regular Proc. (WW-TG0011) | 44300035  | 11.09.2020    | 7,000 PC  |
| <input type="checkbox"/> 10024177 | 10        | Handover Pending   | Trading Good 0011.PD.Regular Proc. (TG0011)       | CCTR_01   | 29.06.2020    | 30,000 PC |
| <input type="checkbox"/> 10024174 | 10        | Handover Pending   | Trading Good 0011.PD.Regular Proc. (TG0011)       | ARMVEND1  | 22.06.2020    | 50,000 PC |
| <input type="checkbox"/> 10024175 | 10        | Handover Pending   | Trading Good 0011.PD.Regular Proc. (TG0011)       | 1732_S1DE | 22.06.2020    | 60,000 PC |
| <input type="checkbox"/> 10022512 | 10        | Handover Pending   | Trading Good 0011.PD.Regular Proc. (ZOSMAT_001)   | 10300036  | 18.06.2020    | 20,000 PC |
| <input type="checkbox"/> 10011699 | 10        | Handover Pending   | Trading Good 0011.PD.Regular Proc. (TG0011)       | 24300010  | 15.06.2020    | 10,000 PC |

**Hand Over Purchase Requisition**

Are you sure you want to hand over 7 purchase requisitions?

**Edit Purchase Requisition Item 10022512-10**

Delivery Date: 18.06.2020

Quantity: 20 PC

**Delete Purchase Requisition**

Are you sure you want to delete 2 purchase requisitions?

# PRODUCTION PLANNING

## Predictive MRP (pMRP)

### Demand Plan Simulation

Simulation: Simulation (4B5\_PMRP\_SIMU\_2002)

Reference Data: 4B5\_PMRP\_2002 (4B5\_PMRP\_2002)

Capacity Issues:

↗ 4

Delivery Performance:

↗ 100 %

Materials with Invalid Source:

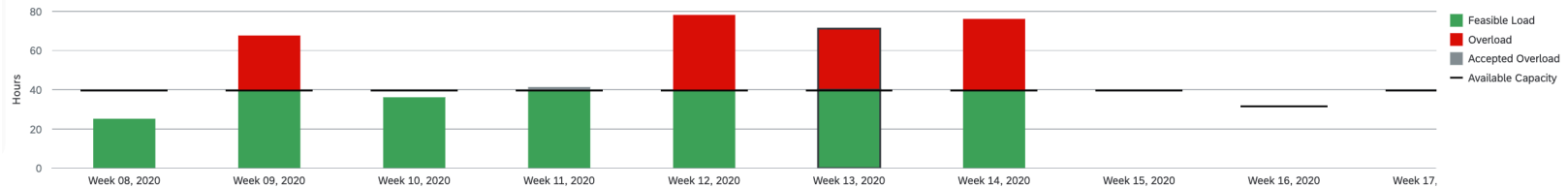
→ 0

Quantities Displayed

Simulation

| Material Number | Plant | UoM | Week 08, 2020 | Week 09, 2020 | Week 10, 2020 | Week 11, 2020 | Week 12, 2020 | Week 13, 2020 | Week 14, 2020 |
|-----------------|-------|-----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| FGS1            | 3710  | PC  | 50            | 300           | 150           | 120           | 325           | 260           | 380           |

Assembly Overview (ASSEMBLY, 3710, 001)



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- 19 Nov – SAP S/4HANA Cloud Migration Special

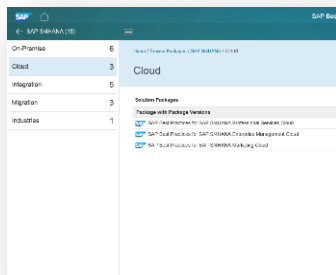
[scheer-nederland.nl/webinars-overstappen-naar-cloud-erp/](https://scheer-nederland.nl/webinars-overstappen-naar-cloud-erp/)

# PROGRAM 2020

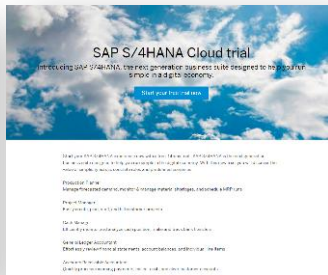
MOVE YOUR ERP TO THE CLOUD WEBINARS

# FURTHER READING SAP.COM

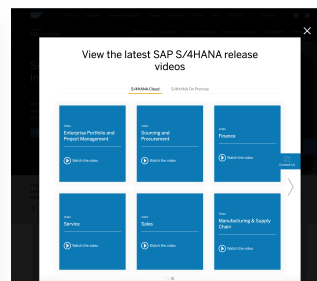
## [Best Practices Explorer](#)



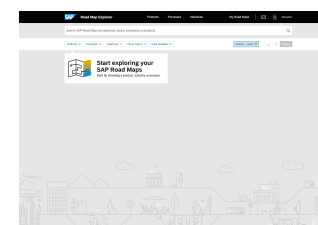
## [SAP S/4HANA Trials](#)



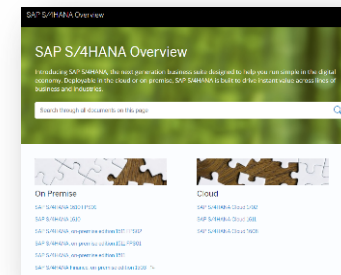
## [SAP S/4HANA Release Info](#)



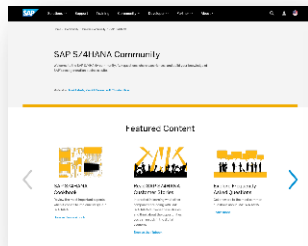
## [SAP S/4HANA Roadmaps](#)



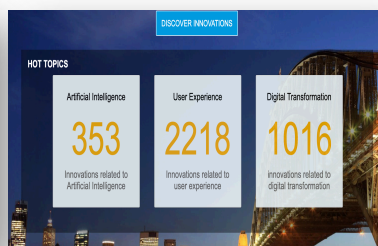
## [SAP Help Portal](#)



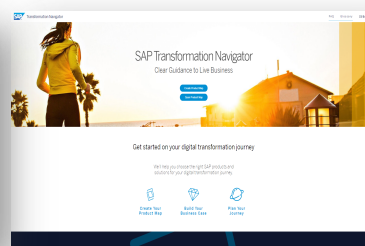
## [Join the SAP S/4HANA Community](#)



## [Discover Innovations](#)



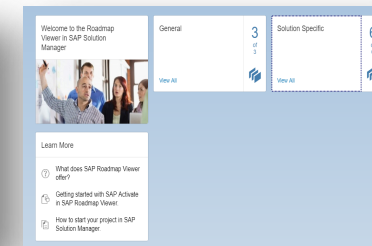
## [Transformation Navigator](#)



## [SAP Activate](#)



## [SAP S/4HANA Capabilities](#)



# MORE INFORMATION [SCHEER-NEDERLAND.COM](https://scheer-nederland.com)

## performanceREADY manufacturing

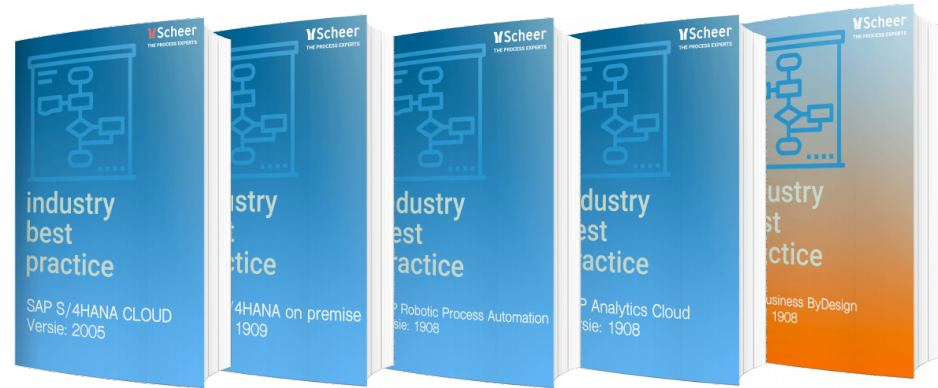


**SAP® Qualified**  
Partner-Packaged Solution

## Reference projects SAP S/4HANA & Manufacturing



## Best Practices





Make the move to the next generation ERP



Your partner for sap Consultancy, transition and implementation support

For more information:  
[www.scheer-nederland.nl](http://www.scheer-nederland.nl)

Thank you for attending  
our webinar!

Contact us:  
[info@scheer-nederland.nl](mailto:info@scheer-nederland.nl)

**Scheer**