



# **SAP Business Technology Platform Unlocks Differentiating Value**

## **Managing the Custom Code footprint**

Debarya Sarkar (Deb)  
BTP National COE

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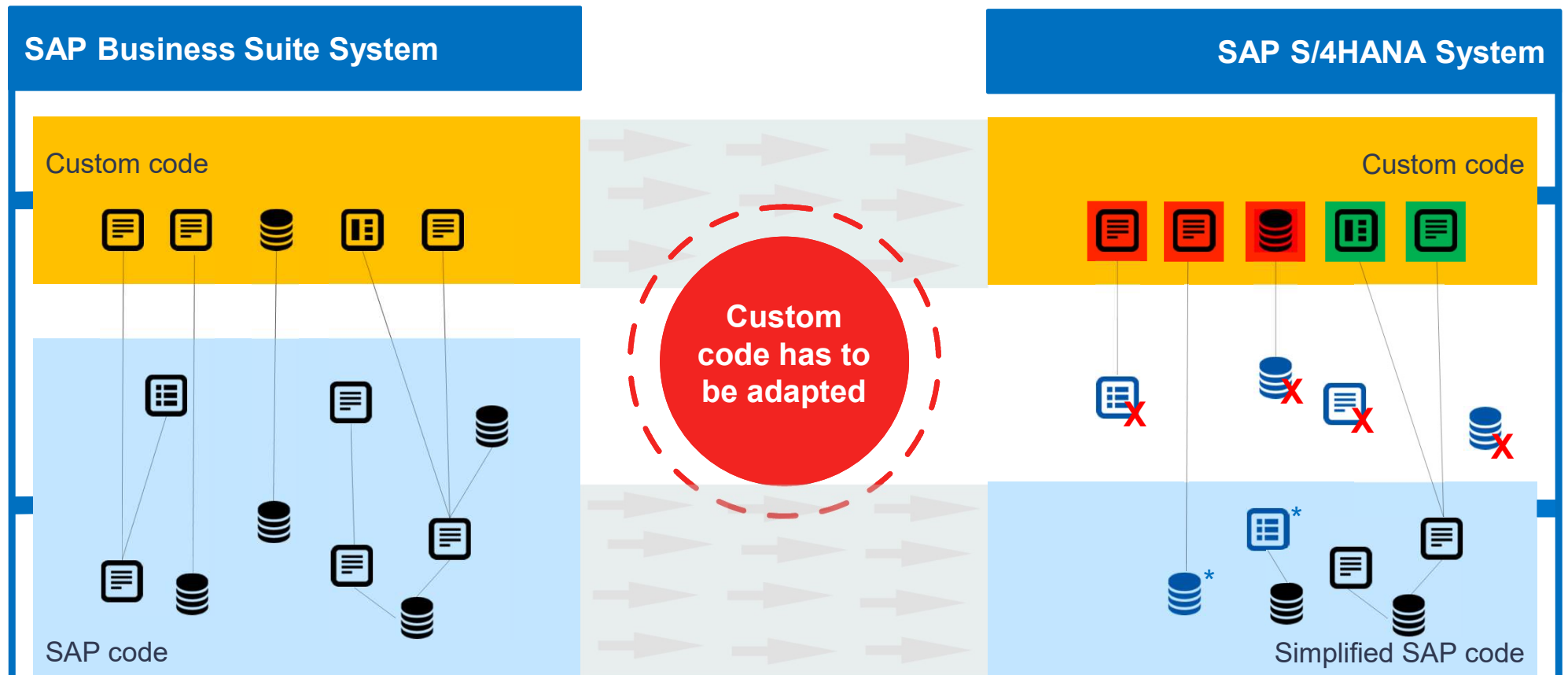
INTERNAL – SAP and Customers only

**THE BEST RUN** 



# Challenge for your custom code

# Challenge for your custom code after a system conversion



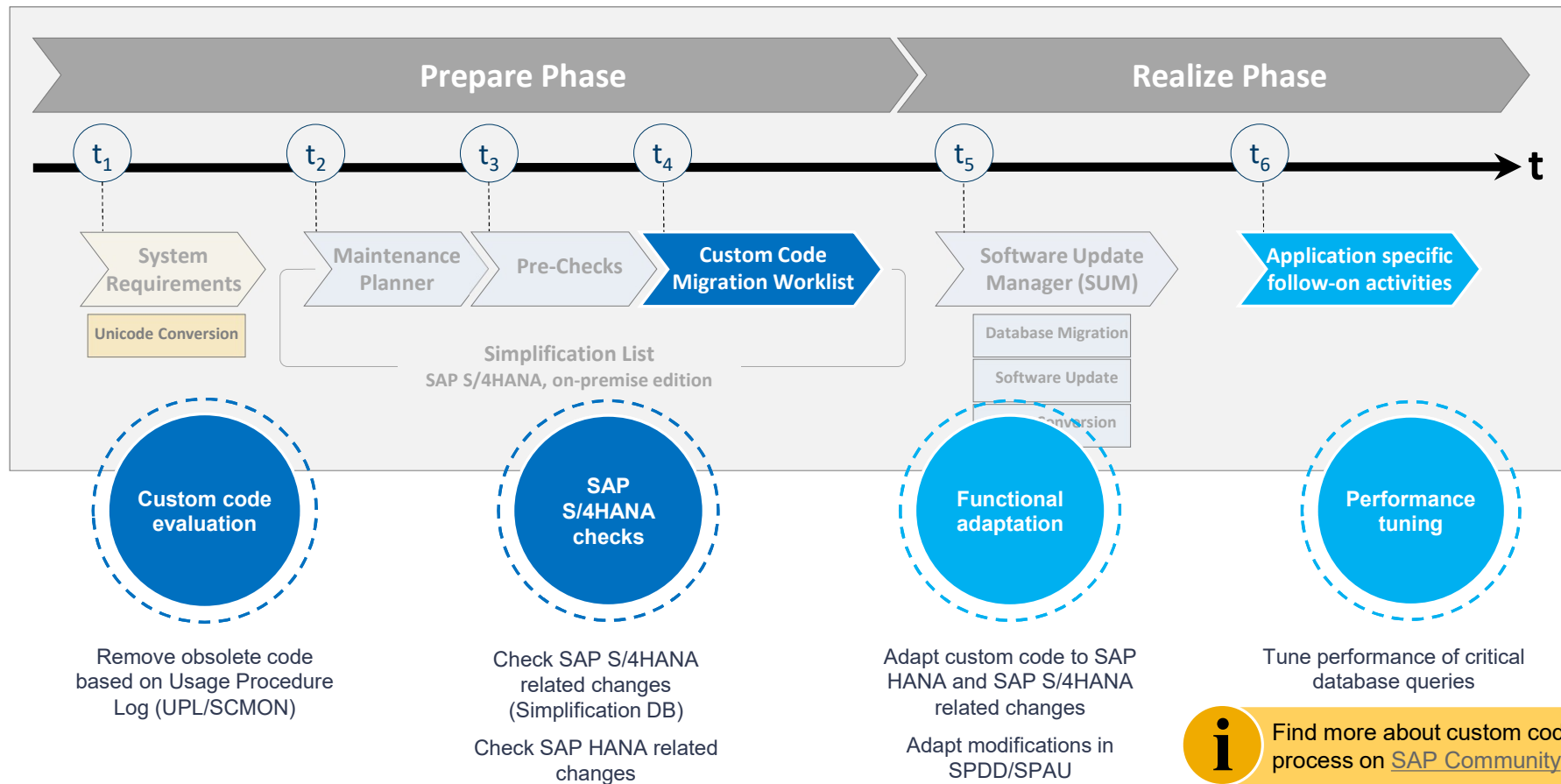




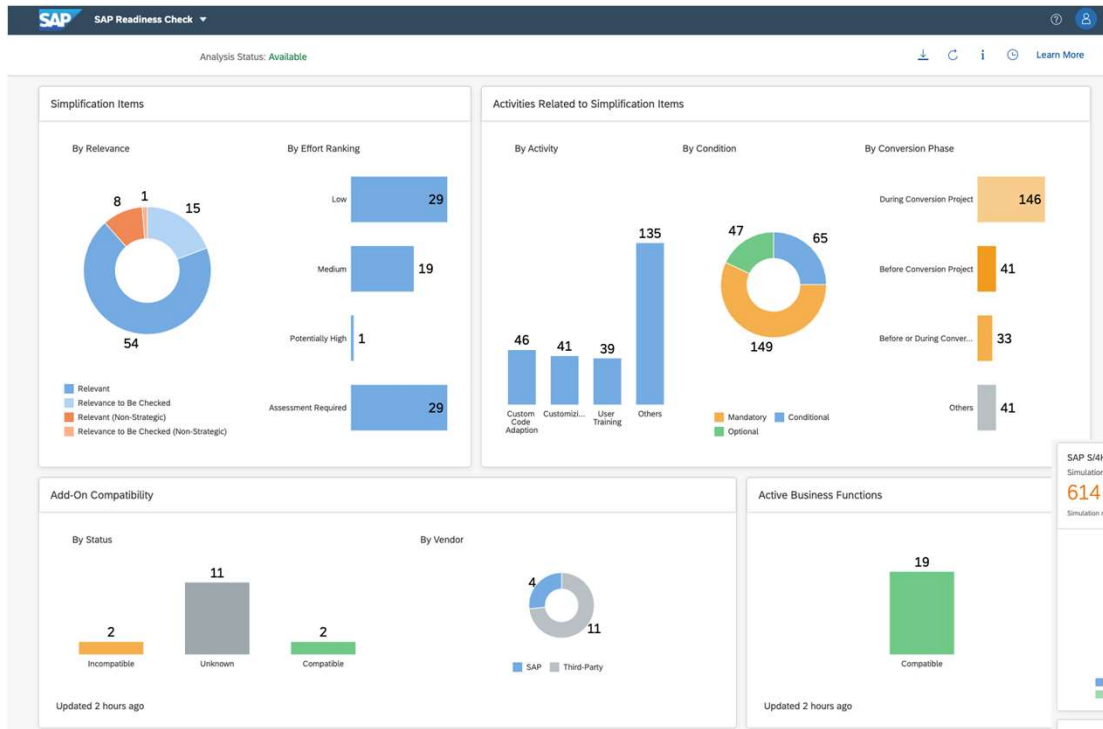
# Custom code adaptation process

# SAP S/4HANA System conversion

## Custom code related process steps

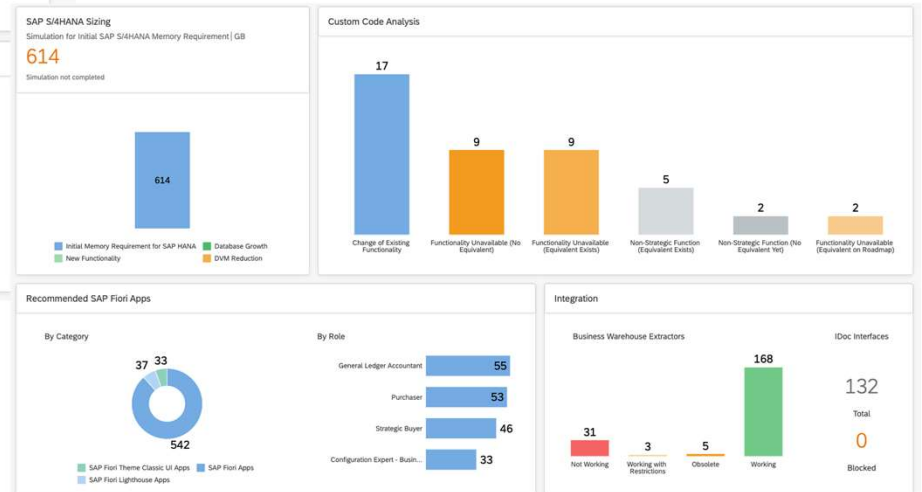


# Example Readiness Check Output



## Prerequisites to run the check:

- SAP Readiness Check for SAP S/4HANA supports the following releases as source releases:
- SAP ERP 6.0 (Enhancement Package 0 to 8) and SAP S/4HANA Finance 1503 and 1605 (technically based on SAP ERP 6.0 Enhancement Package 7 and 8)
- Deimplement SAP Note 2310438 (if implemented before) & implement SAP Note 2758146 for setting up SAP Readiness check (detailed guide can be found [here](#))





# ABAP Test Cockpit

## Remote code analysis



# Remote Code Analysis with ATC

Use the central ATC Hub for all kinds of quality aspects in your system landscape

## One **Central ATC Check System**: SAP\_BASIS 7.51

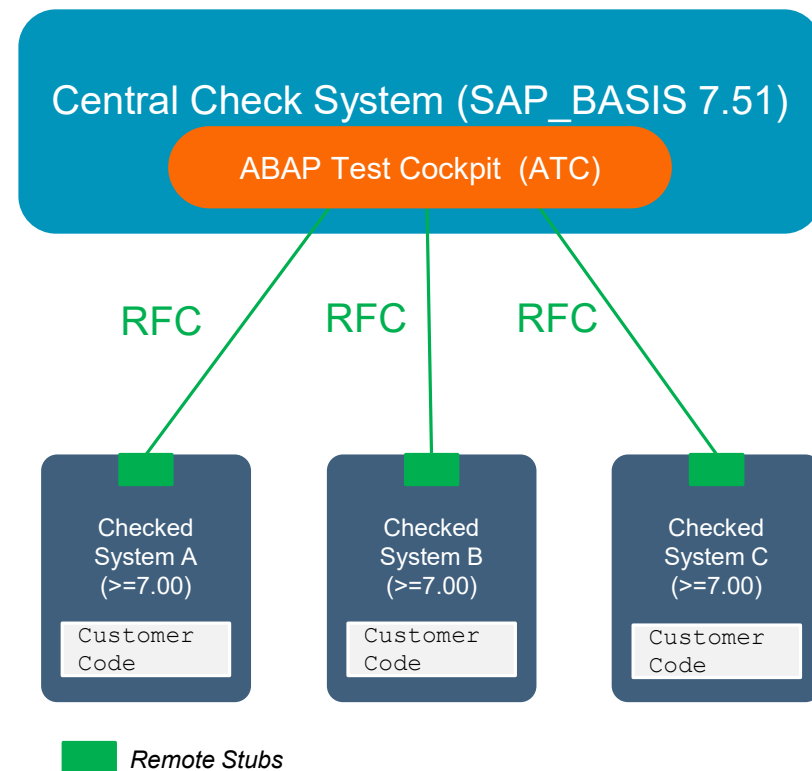
- **Remote stubs** return a model from the custom code
- **Check logic** is executed on central system
- **Check variant** is maintained only on central system
- **New checks are installed** only on central system

✓ **No upgrade of systems landscape necessary**

✓ **Minimized administration efforts**



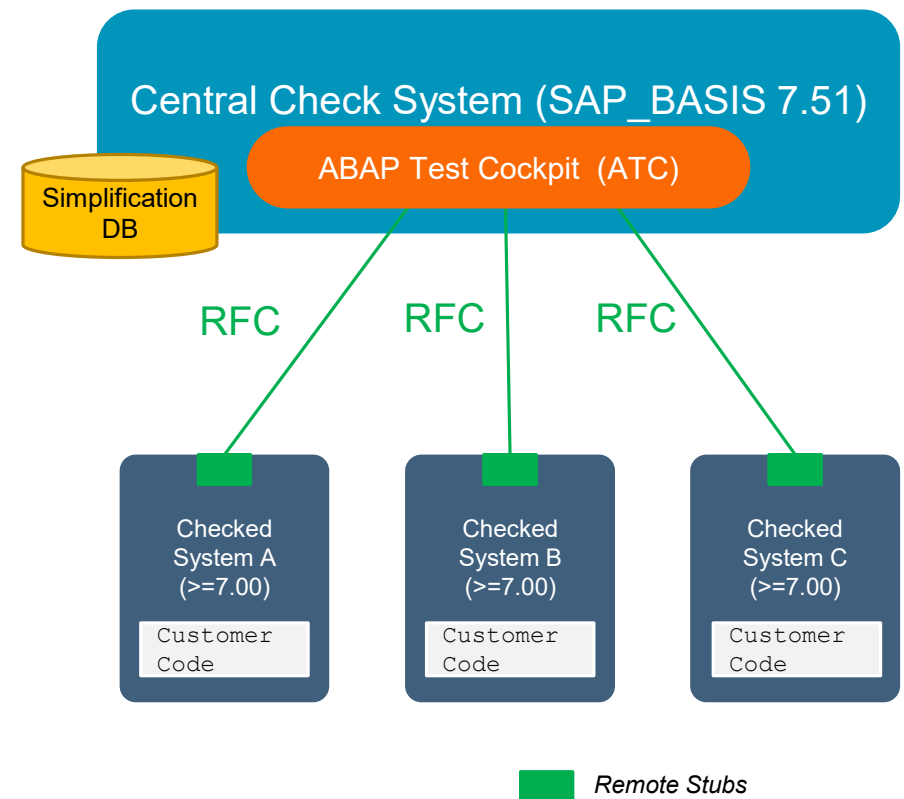
Find more information in the [SAP Community blog](#) and [Help Portal](#)





# Setup the remote ATC checks for SAP S/4HANA

- 1** Setup remote ATC in central system → [Link](#) and implement the SAP Note 2436688
- 2** Download the newest version of the Simplification Database content from SAP Service Marketplace (see SAP Note 2241080)
- 3** Install the Simplification Database content on the central check system (transaction SYCM)
- 4** Run the ABAP Test Cockpit with the variant S4HANA\_READINESS\_REMOTE
- 5** Analyze the ATC result list



# Thank you.

Contact information:

**Debarya Sarkar**

Business Process Principal Architect

Debarya.Sarkar@sap.com

+1 (864) 907-4429

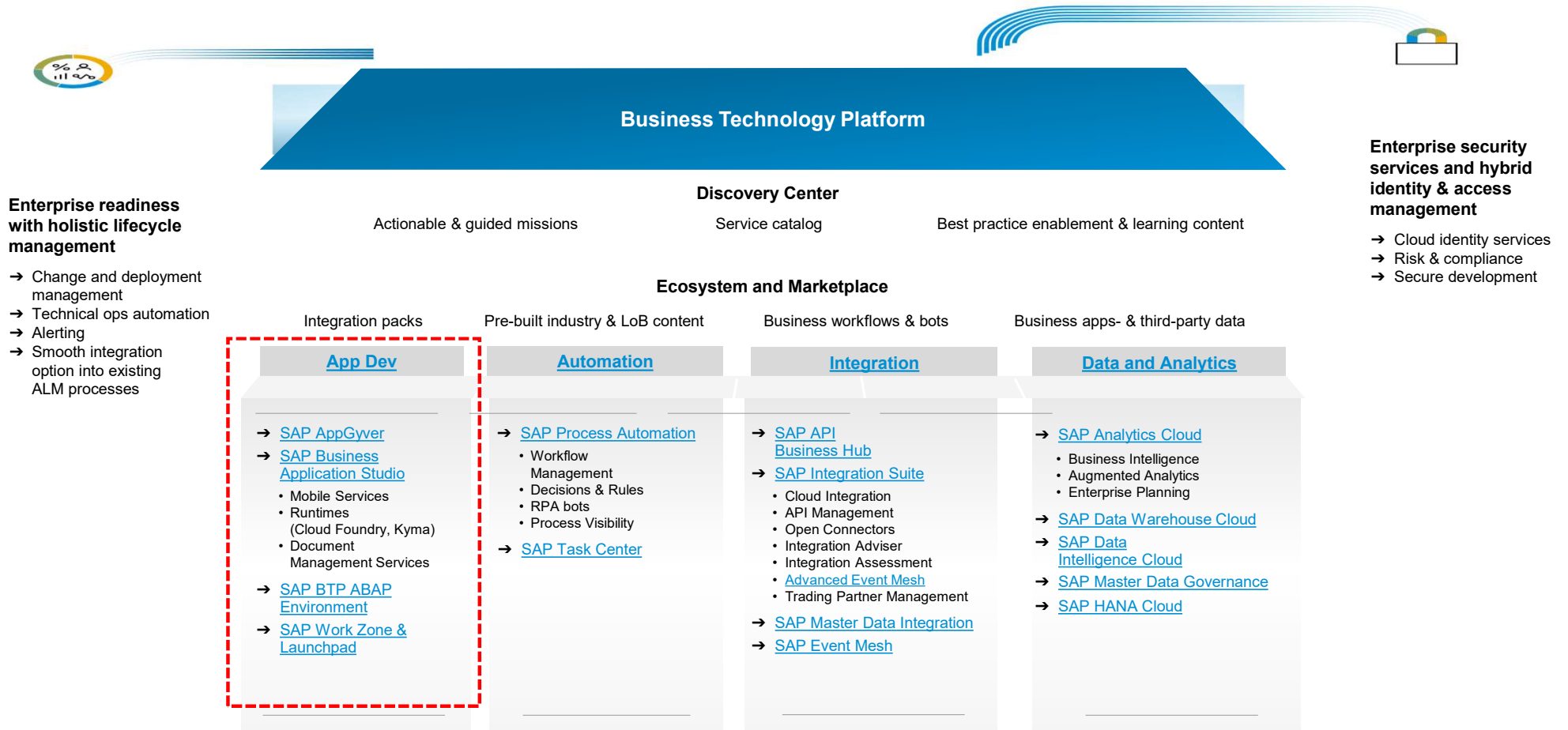
THE BEST RUN 



# App Development



# SAP BTP Cloud Services

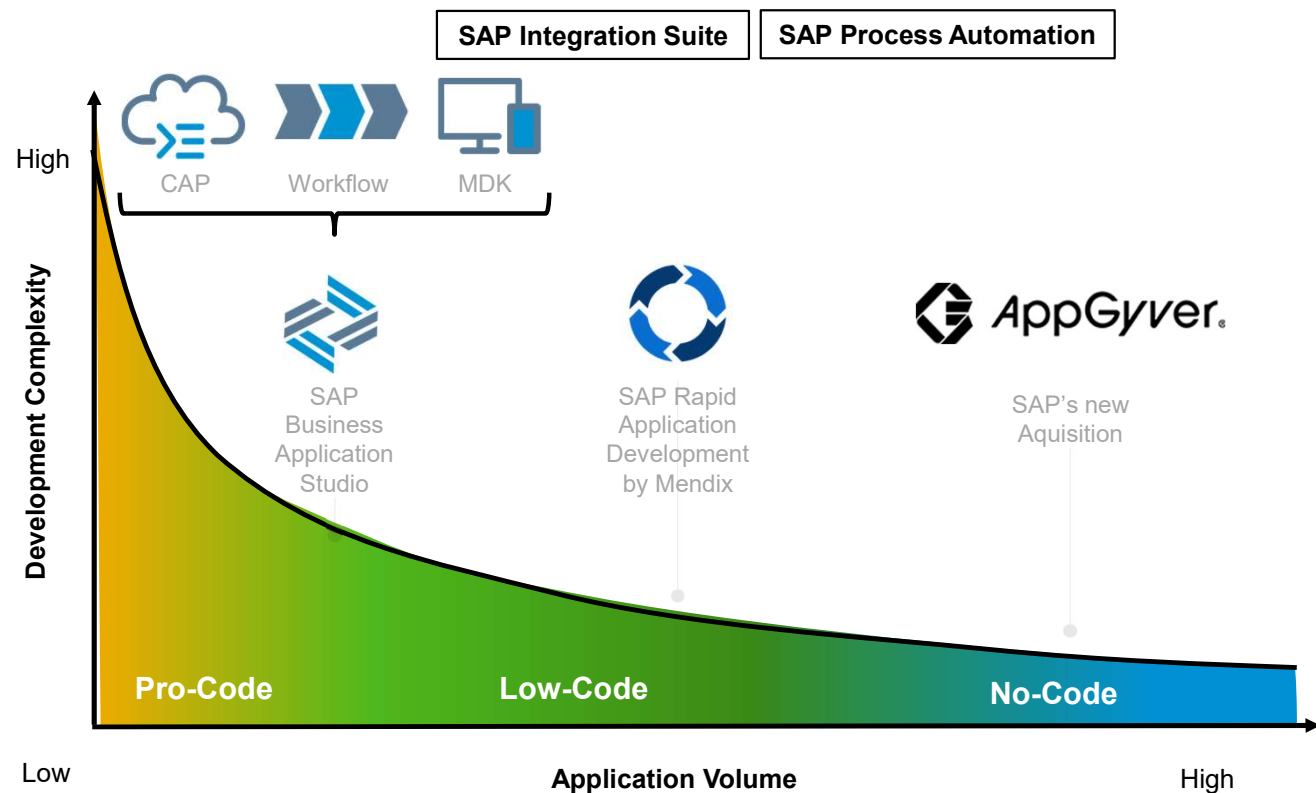




# SAP AppDev Portfolio

SAP AppDev offers the right tools for every situation and for every available skillset:

- Pro-Code developers efficiency in SAP Business Application Studio with domain specific, graphical editors
- Low-Code, rapid application development by Mendix
- No-Code via AppGyver for the business



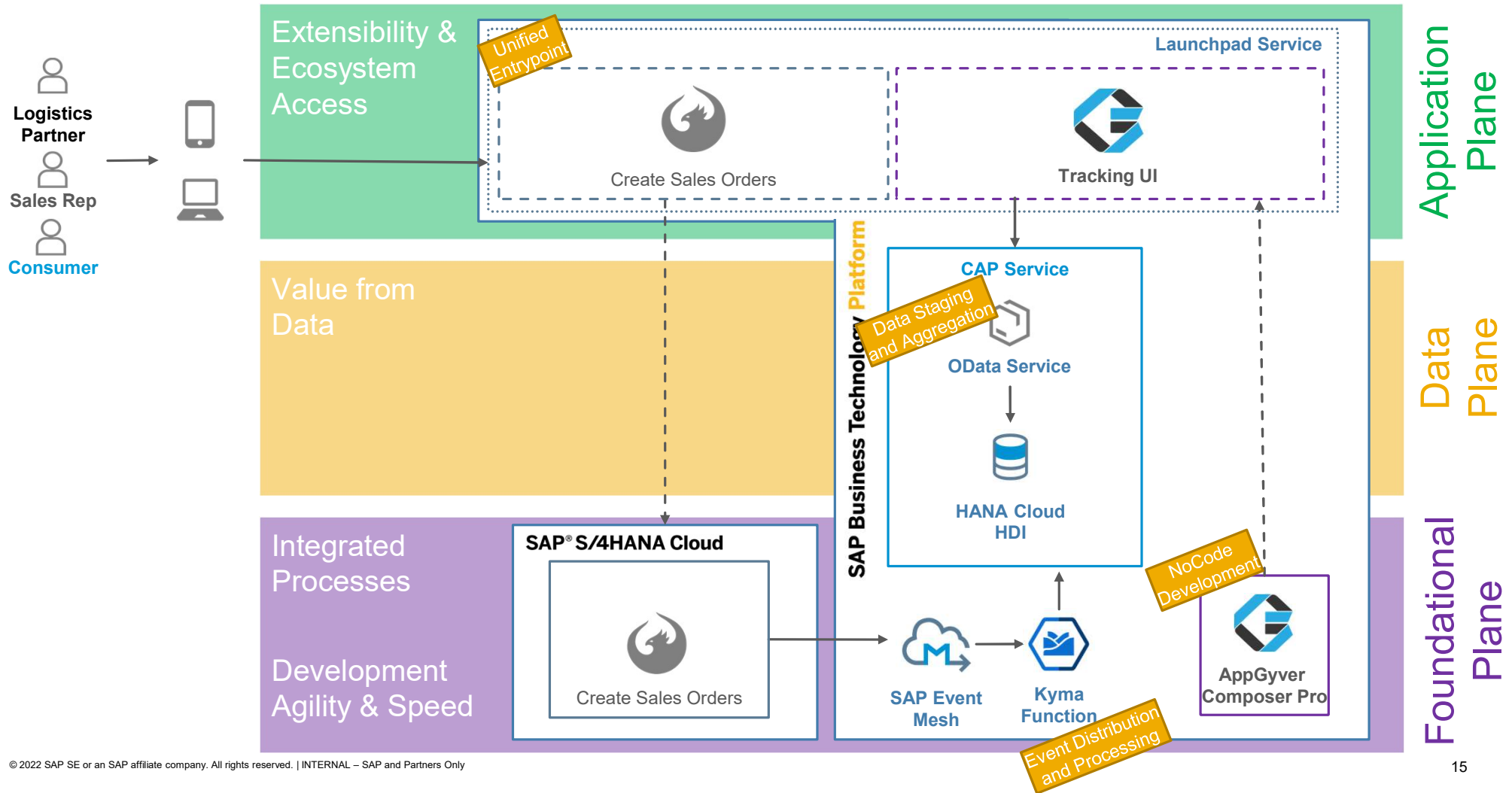
# AppGyver - Composer Pro

The screenshot displays the SAP AppGyver Composer Pro interface for developing a mobile application. The top bar shows 'SAP Application Development' and 'AppGyver'. The main workspace is divided into three sections:

- Component Market:** A sidebar on the left with categories like 'CORE', 'BY ME', and 'INSTALLED'. It lists various UI components such as Spinner, Image, Text, Title, Icon, Card, Button, Input field, Password field, Slider field, Checkbox field, and Dropdown field.
- Form Preview:** The central area shows a preview of the 'Sales Order (260532)' form. It includes fields for 'Packed', 'Location' (BestRun Retail Store), 'Comments' (Ordered), and a 'Ship' button. Below the form, there's a summary section showing 'Ordered' status, location, comments, and a timestamp.
- Logic Flow:** The bottom section shows the logic flow for the 'Component: Button 1'. It starts with an 'EVENT' (Component tap) leading to a 'VIEW' (Show spinner). This triggers a 'DATA' action (Create record SalesOrderTrack), which then leads to a 'UTILITY' action (If condition data.SalesOrderTrack2.Status...). Depending on the condition, it can lead to 'UPDATE' (Update record SalesOrderMaster) or 'VARIABLES' (Set data variable SalesOrderTrack2). The flow also includes 'DIALOG' (Alert) and 'VIEW' (Hide spinner) actions.

On the right side, there are panels for 'PROPERTIES', 'STYLE', 'LAYOUT', and 'TREE'. The 'PROPERTIES' panel shows settings for 'Button 1', including 'Label', 'Disabled', and 'Repeat with'. The 'TREE' panel shows the page layout structure, including 'Container 1', 'Row 1', and 'Cell #1'.

# Sample Architecture



# Extensions Patterns examples for SAP AppGyver

	Customer Engagement	Employee Experience	Partner Collaboration
	<ul style="list-style-type: none"> <li>➤ External end user</li> <li>➤ Occasional / one time usage</li> <li>➤ ID service optional</li> </ul>	<ul style="list-style-type: none"> <li>➤ Internal end user</li> <li>➤ Daily / multiple times usage</li> <li>➤ ID service required</li> </ul>	<ul style="list-style-type: none"> <li>➤ External end user</li> <li>➤ Daily &amp; occasional usage</li> <li>➤ ID service required</li> </ul>
CX	<ul style="list-style-type: none"> <li>○ B2B Customer Apps/ Portal <ul style="list-style-type: none"> <li>○ Customer support portal</li> <li>○ B2B commerce</li> <li>○ Contract Management</li> </ul> </li> <li>○ Consumer Mobile Apps <ul style="list-style-type: none"> <li>○ Product / Services Catalogue</li> <li>○ Subscription / Billing</li> <li>○ Service Support</li> <li>○ Delivery Status</li> <li>○ Complaints / Case Management</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Job/Functional oriented Apps (LOB's) <ul style="list-style-type: none"> <li>○ Sales Executives</li> <li>○ Field Customer Service</li> </ul> </li> <li>○ <b>Industry Specific Apps</b> <ul style="list-style-type: none"> <li>○ <b>Retail</b> <ul style="list-style-type: none"> <li>○ <b>Point of Sales</b></li> <li>○ <b>Product information</b></li> <li>○ <b>Pricing &amp; Campaign</b></li> </ul> </li> <li>○ <b>CPG</b> <ul style="list-style-type: none"> <li>○ <b>Trade Management</b></li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Partner Apps / Portals <ul style="list-style-type: none"> <li>○ Partner support</li> <li>○ Reseller</li> <li>○ Field Technicians support</li> <li>○ Product / Services Catalogue</li> <li>○ Complaints / Case Management</li> </ul> </li> <li>○ <b>Industry specific Apps</b> <ul style="list-style-type: none"> <li>○ <b>Retailers Trade Promotions Management</b></li> <li>○ <b>Insurance broker agents</b></li> </ul> </li> </ul>
HXM	<ul style="list-style-type: none"> <li>○ Customer Interaction apps <ul style="list-style-type: none"> <li>○ Customer's feedback</li> <li>○ Social/Diversity/Special projects with Customers &amp; Employees collaboration</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ HR Portals / Apps <ul style="list-style-type: none"> <li>○ Vacation request</li> <li>○ Parental leave</li> <li>○ Recruitment / Job Application</li> </ul> </li> <li>○ Job Role specific Apps <ul style="list-style-type: none"> <li>○ People manager apps</li> <li>○ Project manager apps</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Partner Apps / Portals <ul style="list-style-type: none"> <li>○ Recruiting partners</li> <li>○ Education partners</li> <li>○ Benefits partners</li> </ul> </li> <li>○ <b>Industry specific Apps</b> <ul style="list-style-type: none"> <li>○ <b>Utilities Field Technicians enablement</b></li> <li>○ <b>Public Services compliance</b></li> </ul> </li> </ul>
DSC	<ul style="list-style-type: none"> <li>○ B2B Customer Apps/ Portal <ul style="list-style-type: none"> <li>○ Quality management</li> <li>○ Delivery status</li> <li>○ IoT enabled processes with real time feedback and actions</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Job/Functional oriented Apps (LOB's) <ul style="list-style-type: none"> <li>○ Plant Production Supervisor</li> <li>○ Quality Assurance</li> </ul> </li> <li>○ <b>Industry Specific Apps</b> <ul style="list-style-type: none"> <li>○ <b>Retail</b> <ul style="list-style-type: none"> <li>○ <b>Shelves and in-Store stock</b></li> <li>○ <b>Returns policy check</b></li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Partner Apps / Portals <ul style="list-style-type: none"> <li>○ Partner support</li> <li>○ IoT enabled processes with real time feedback and actions</li> </ul> </li> </ul>
ISM	<ul style="list-style-type: none"> <li>○ Travel customer facing apps <ul style="list-style-type: none"> <li>○ Marketing campaigns</li> <li>○ Information on Security / Policies</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Custom specialized Approval Apps / Portal <ul style="list-style-type: none"> <li>○ Support approval decisions with additional custom data and information</li> <li>○ Custom business rules</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ Partner Apps / Portals <ul style="list-style-type: none"> <li>○ Partner / Vendor support</li> <li>○ Partner enablement</li> </ul> </li> </ul>