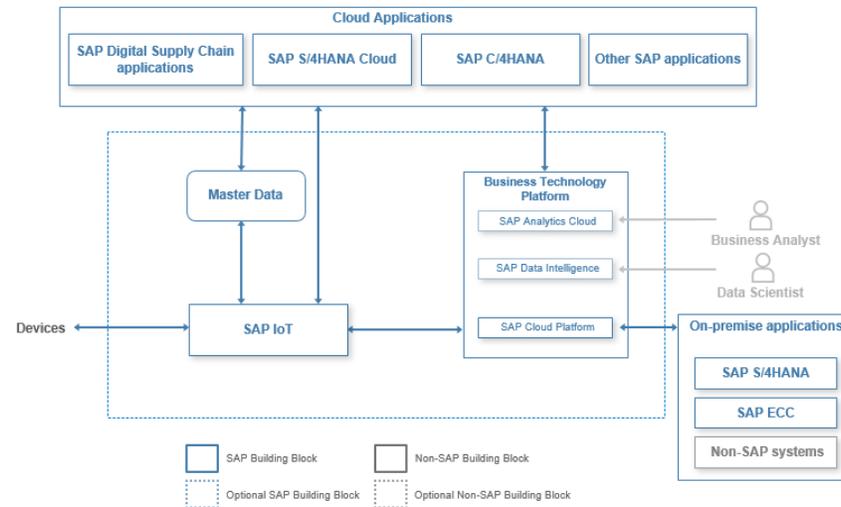


SAP ICC Integration Scenario- BTP-IoT-Device 2.0

PUBLIC

Introduction

- ❑ SAP Internet of Things connects devices to the SAP Business Technology Platform to provide scalable ingestion of IoT data and device management. The respective services provide a secure connection to remote devices using a broad variety of IoT protocols and manage the device lifecycle from onboarding to decommissioning.
- ❑ SAP Internet of Things collects and processes sensor data at scale already at the edge or in the cloud and stores it on the SAP Business Technology Platform for use by other applications. Moreover, it provides a multi-tenant architecture allowing role-based access to device data through easy-to-use APIs.
- ❑ Internet of Things Gateway enables communication between devices and SAP Internet of Things platform. The IoT Gateway Cloud and the IoT Edge Platform are the two SAP Internet of Things gateways. Both collect data from and send commands to them, and provide adapters for the communication with various protocols



- ❑ To help customers jump start their IoT projects, SAP is working with SAP hardware partners and device vendors to pre-test and certify devices that run SAP IoT Gateway Edge. For a list of certified devices please visit the [Certified Solution Directory](#)

Benefits of SAP Certified Integration

Opportunity for Growth and Participation

By supporting market-leading solutions from SAP and offering integrated solutions to its customer base

May experience faster sales cycles

Certification serves as proof point for technical alignment with SAP solutions

Increased Potential for Success

Faster implementations and deployments in SAP solution-based landscapes

Accelerated ramp-up on SAP knowledge for smaller ISVs

Marketing Benefits

SAP Interface Certificate and an official “SAP Certified” solution logo:

SAP[®] Certified
Integration with Cloud Solutions

Listing in [Online Directory](#)

Press release review

Promotion during events, positioning the product as “certified” to SAP customers and consulting partners

Technical Details

- ❑ This Certification Tests the ability of a Partner's Device or Cloud to Communicate with IoT Edge Platform and/or Directly to the SAP IoT.
- ❑ Partner will demonstrate the communications to a supplied SAP IoT Cloud instance. The version of IoT Edge Platform if used must be the latest released version. The Gateway can either be downloaded from the Service Market Place or can be supplied by the certification team. To download from Service Market Place, use this link. [search for IoT Edge Platform](#).
- ❑ The IoT Core services and IoT Service cockpit etc. are part of the SAP Business Technology Platform and are therefore supplied by SAP.
- ❑ This certification comprises of the following processes. The Partner's Device Cloud sends sensor data to the IoT Edge Platform and or IoT Gateway Cloud. The IoT Admin person can view the sensor data. The data is now ready for other applications on the SAP Cloud to consume the data.
- ❑ Certification allows Partner Device Clouds to demonstrate successful implementation of the SAP Business Technology Platform IoT interfaces. This certification may not be taken to imply any valuation of a Sensor or Hardware platform or Partner's Device Cloud. Rather, the certification guarantees only that the tested functionality is correctly executed. Further, no implication is made as to the performance of the Partner's Device Cloud, its suitability for uses other than utilization of the tested functionality, or its quality and utility relative to other platforms.
- ❑ Certification can be done in a remote setting.

Certification Price & Validity:

Certification Price

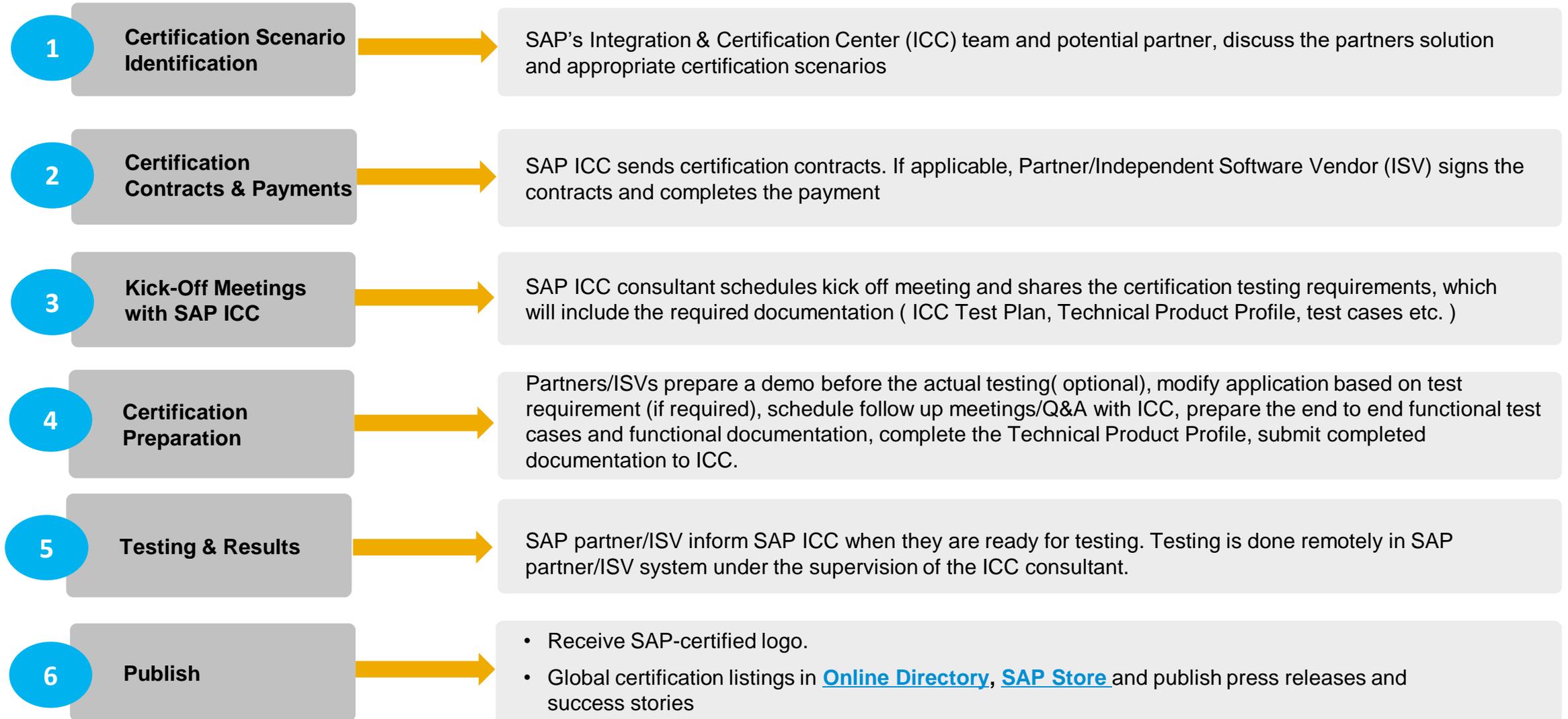
Euro currency is applicable to all countries

- ❑ The fee is 3,000 Euros per certification.
 - ❑ If you are interested in certifying a high number of devices, please contact icc@sap.com for more information
-

Validity of Certification

- ❑ Certification is valid for **one year**, as long as all elements of the above combination remain under general maintenance: IoT Edge Platform version from SAP, device model from partner, and OS version.
- ❑ If the SAP IoT Edge Platform version that partner certified against goes out of maintenance during the initial one year validity period of the certification, SAP will offer to partner a free of charge re-certification against the newer version of IoT Edge Platform. Please refer to [SAP Note 2982075](#) for details.

Certification Process Overview



Related Links

SAP ICC Application Form

- ❑ Please fill in [SAP ICC online application form](#) with information about your company and about the software application that you want to integrate in order to apply for an integration certification.

Know More About Certification

- ❑ To learn more about certification please visit [Software Certification](#) page.
- ❑ SAP Training and Help: Please refer to [SAP Education](#).
- ❑ You can find the official documentation on the SAP HELP PORTAL. HELP.SAP.COM-SAP Business Technology Platform INTERNET OF THINGS

Thank you.

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