

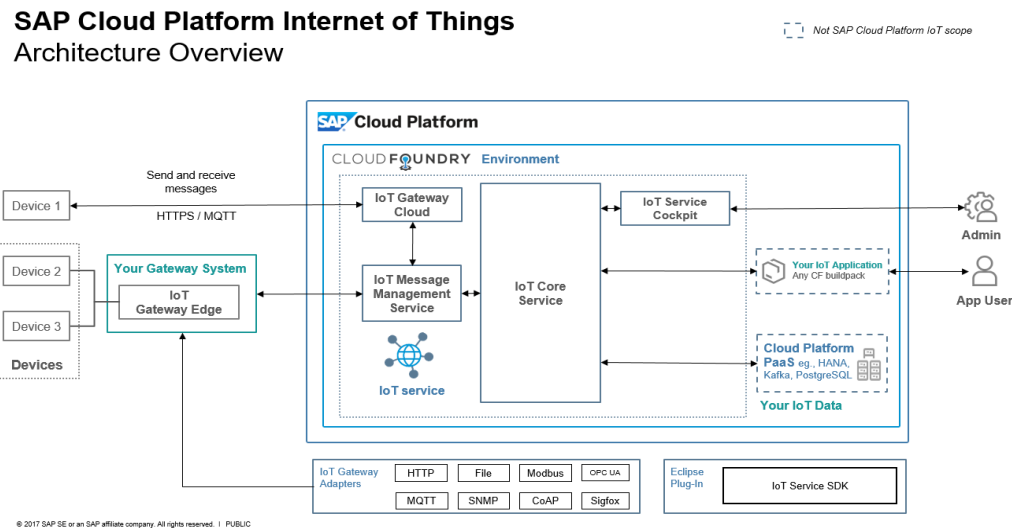


# SAP ICC Integration Scenario- IoT Gateway Edge Device 1.0

PUBLIC

# Introduction:

- ❑ The Internet of Things service connects devices to the SAP Cloud 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.
- ❑ The Internet of Things service collects and processes sensor data at scale already at the edge or in the cloud and stores it on the SAP Cloud Platform for use by other applications. Moreover, the Internet of Things service provides a multi-tenant architecture allowing role-based access to device data through easy-to-use APIs.
- ❑ The Internet of Things Gateway provides adapters for network convergence and syntactic protocol normalization. The Internet of Things Gateway acts as a virtual gateway that brings devices and assets online, managing the connectivity with devices according to the specific communication protocol that the devices implement. The Internet of Things Gateway component is responsible for collecting data from a sensor and sending commands to the network on behalf of other Internet of Things Core Service modules.



- ❑ 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:

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## Opportunity for Growth and Participation

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

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May experience faster sales cycles

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Certification serves as proof point for technical alignment with SAP solutions

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## Increased Potential for Success

Faster implementations and deployments in SAP solution-based landscapes

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Accelerated ramp-up on SAP knowledge for smaller ISVs

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## Marketing Benefits

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

**SAP**<sup>®</sup> Certified  
Built on SAP Cloud Platform

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Listing in [Online Directory](#)

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Press release review

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

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# Technical Details:

- ❑ This Certification Tests the ability of a Partner's Device Cloud to Communicate to IOT Gateway Edge and/or Directly to the SAP Cloud Platform IOT.
- ❑ Partner will demonstrate the communications to a supplied SAP IOT Cloud instance. The version of IOT Gateway Edge 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 SERVICES EDGE.
- ❑ The IOT Core services and IOT Service cockpit etc. are part of the SAP Cloud 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 Gateway Edge 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 Cloud 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, please find below more information about the criteria .
  - IOT Gateway Edge Device 1.0:- <https://www.sap.com/documents/2017/07/a47c3f20-c67c-0010-82c7-eda71af511fa.html>

# Certification Price & Validity:

## Certification Price

Euro currency is applicable to all countries

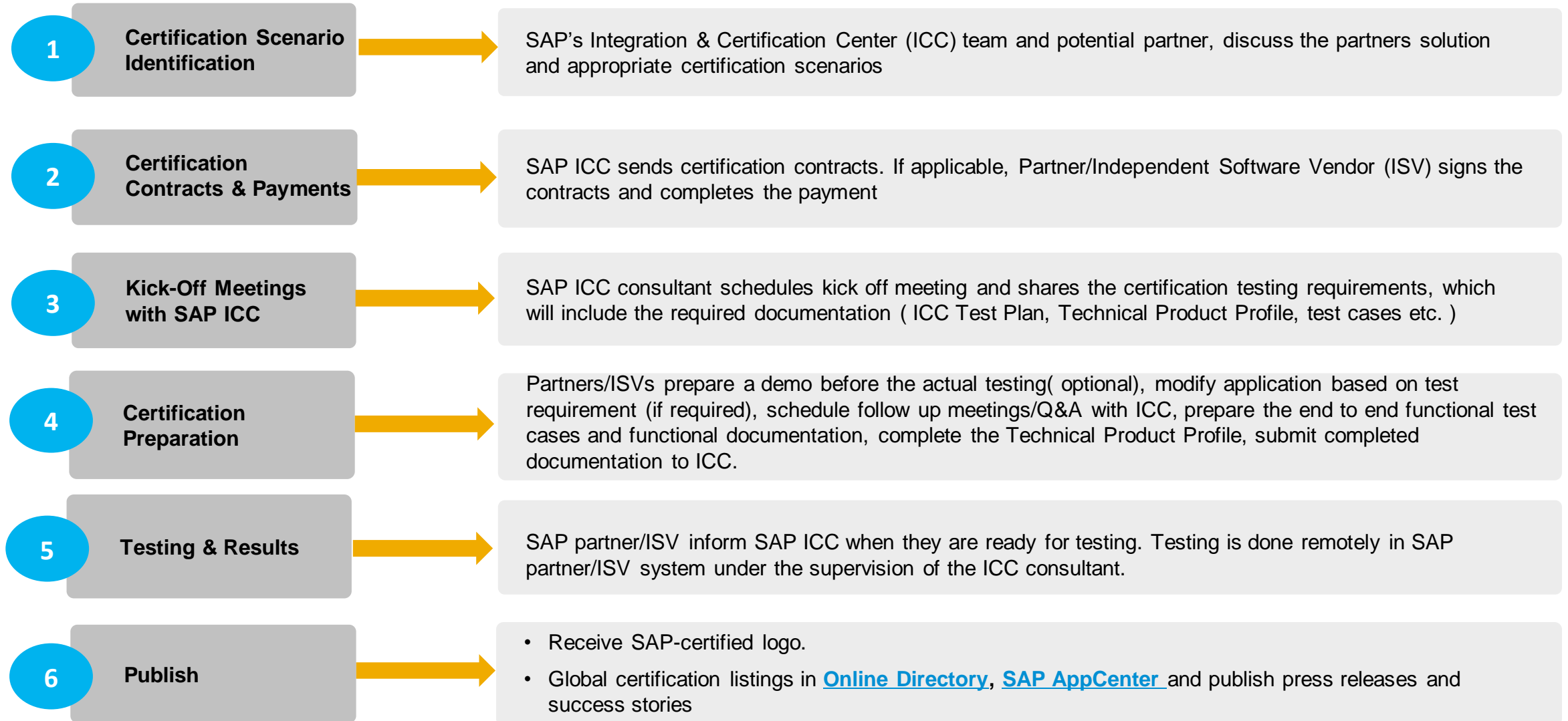
The fee is **5000 Euros** per certification

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## Validity of Certification

- ❑ Certification is valid for **two years**, as long as all elements of the above combination remain under general maintenance: IoT Gateway Edge version from SAP, device model from partner, and OS version.
- ❑ If the SAP IoT Gateway Edge version that partner certified against goes out of maintenance during the initial two years validity period of the certification, SAP will offer to partner a free of charge re-certification against the newer version of IoT Gateway Edge. Please refer to SAP NOTE 0002387440 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 CLOUD PLATFORM INTERNET OF THINGS

**Thank you.**



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