

The KUKA logo is displayed in a bold, orange, sans-serif font. The background features a large, stylized pyramid composed of orange and yellow triangles, surrounded by various geometric shapes and a circular refresh icon in the top right corner.

KUKA

KUKA.iiQoT Jump Start Initiative Presentation

Agenda

1

Our
KUKA iiQoT
solution

2

Our
offering
for you

Agenda

1

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KUKA iiQoT
solution

2

Our
offering
for you

Uptime and Efficiency of Robots is Essential in Profitable Robot-based Automation

Increase of **production uptime** and **employee efficiency**

Always **up-to-date**
(security & functions)

Passive tool for alerts/
notifications of **key events**



One software tool to increase production uptime and employee efficiency



Our Experience for Robot-Automated Shopfloor



-1 Maintenance event

Up to **5h p.a.**^{1,2}



Prevent downtime before or when it happens

Up to **20h p.a.**¹



All robot information on one spot & up-to-date

Up to **1h p.a.**¹



“3-click” KRCdiag transfer to KUKA

Up to **0,5h p.a.**¹



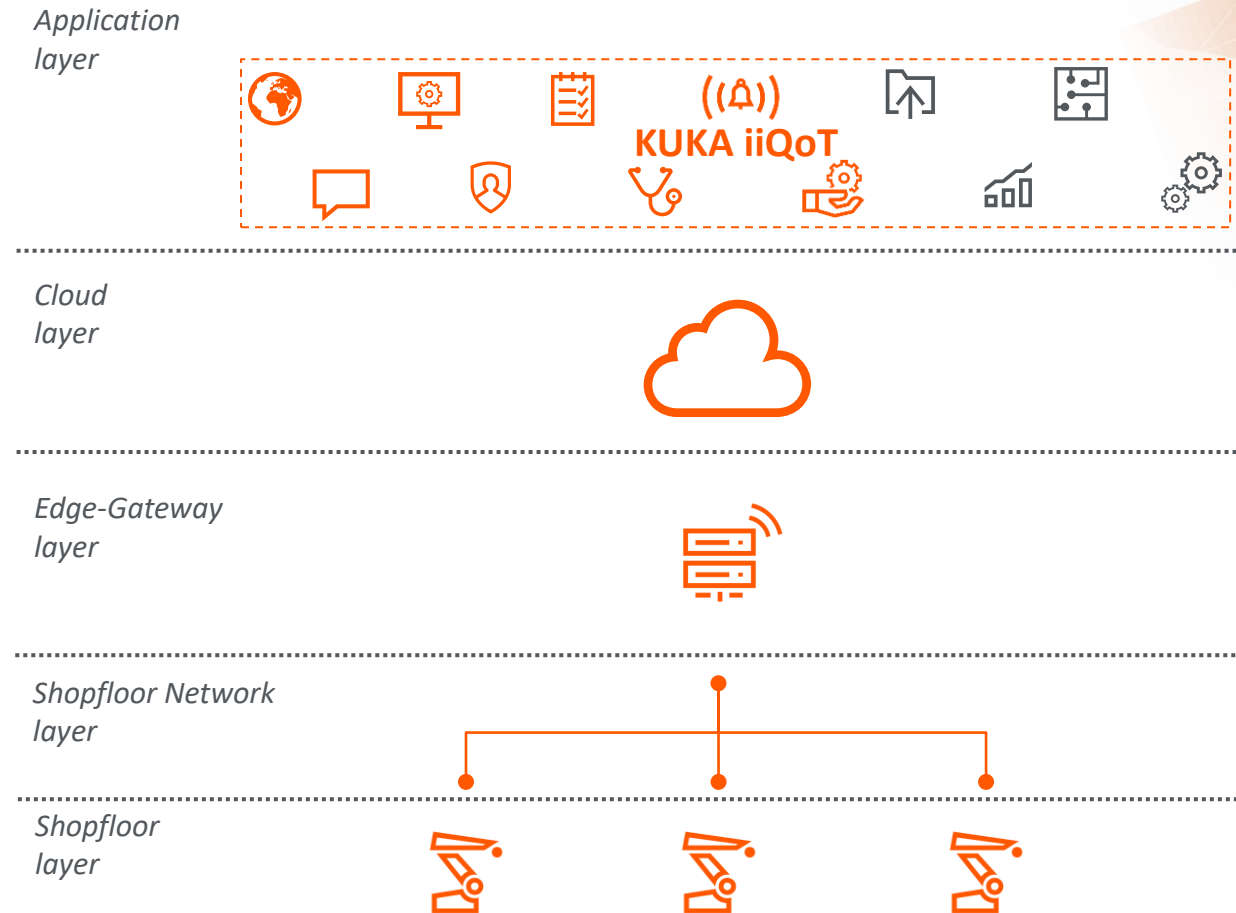
Up to **25h p.a.**^{1,2} **production savings**



Up to **1,5h p.a.**¹ **employee savings**

All with cost-free KUKA iiQoT.Basic
-Versus-
Average customer one-time effort of 8h ³

KUKA iiQoT Product Architecture

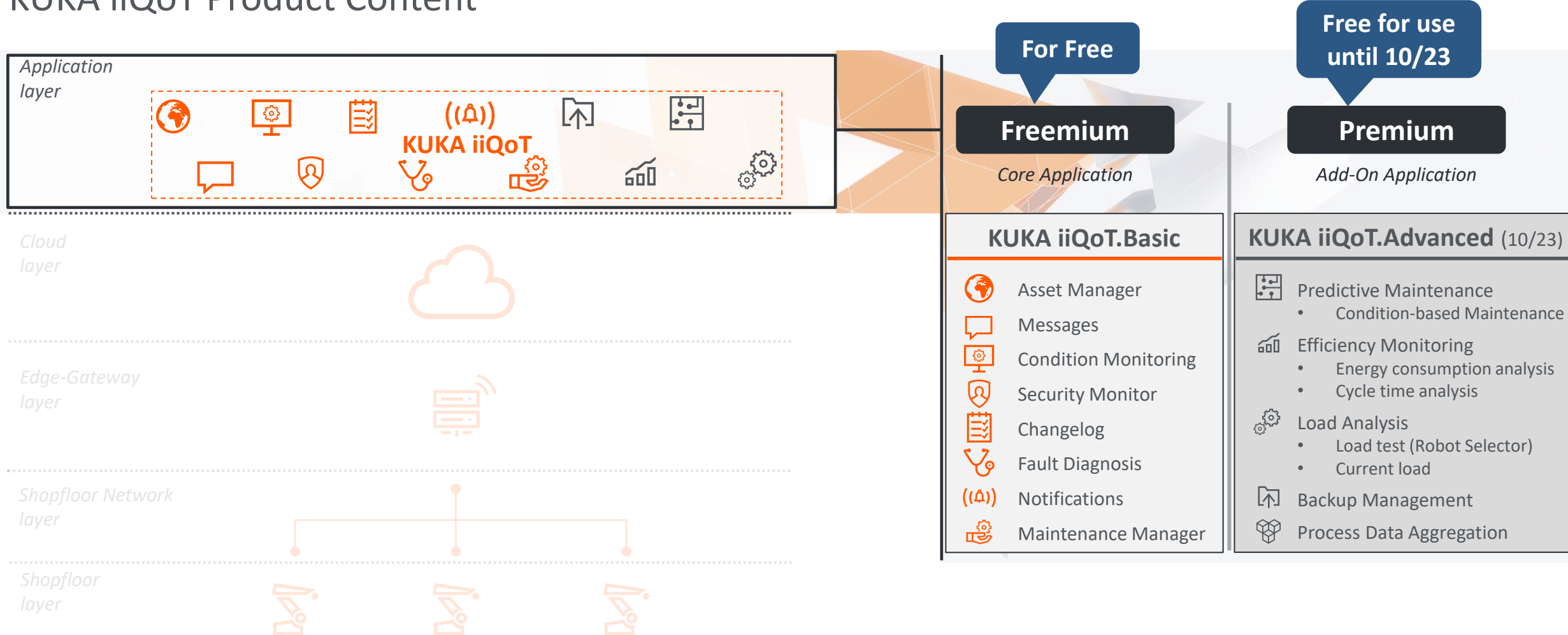


Simplified visualization of necessary layers to connect physical production assets with a cloud solution

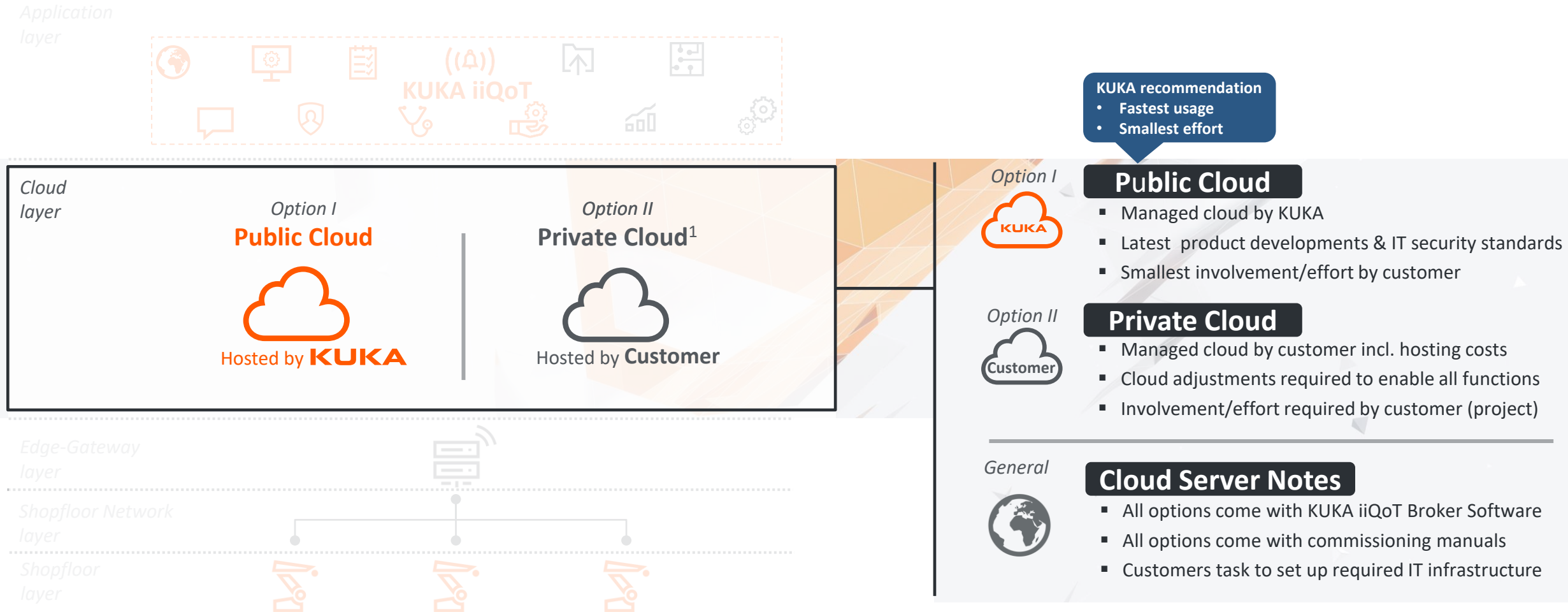
→ KUKA Robots with KUKA iiQoT



KUKA iiQoT Product Content

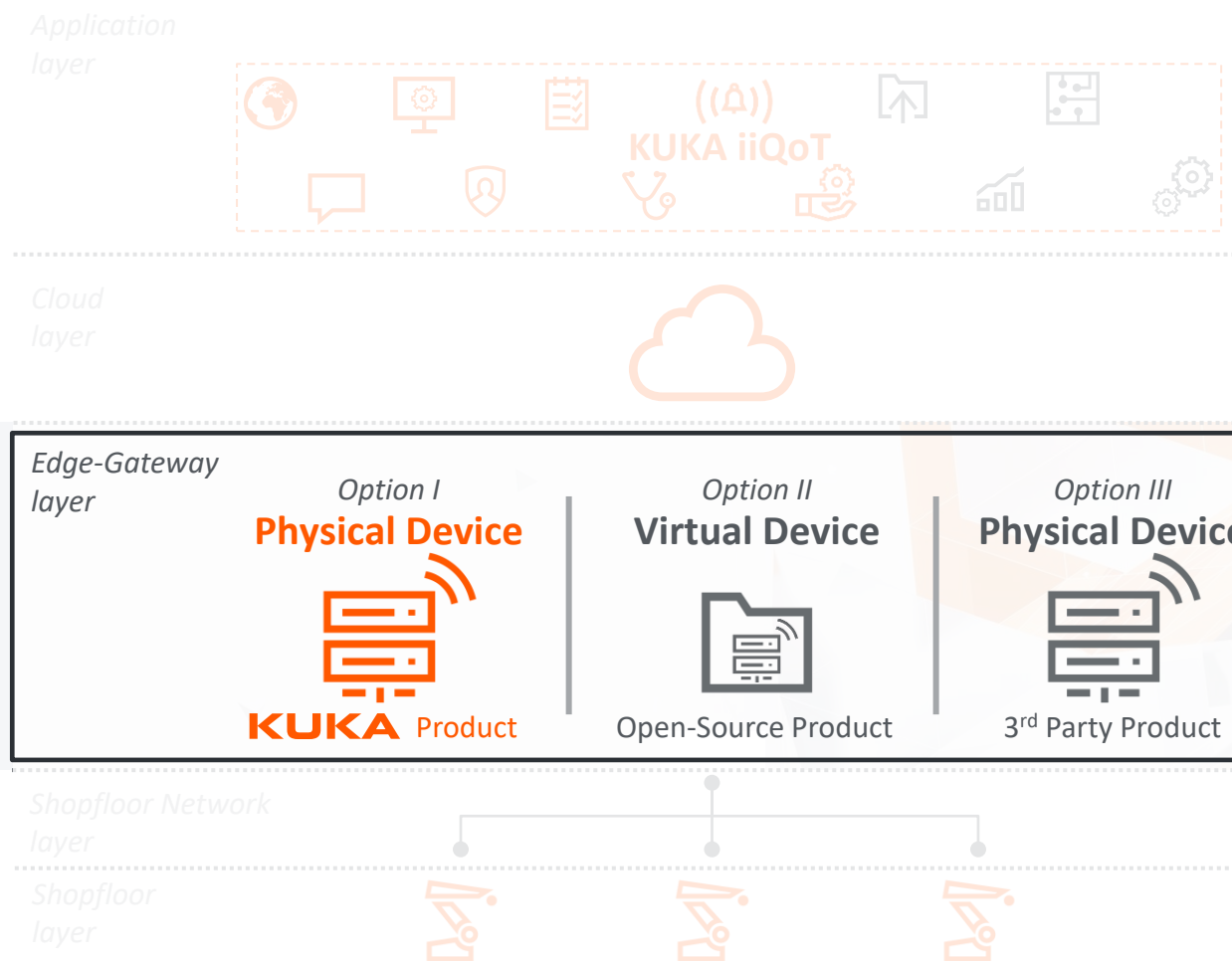


KUKA iiQoT Cloud Options





KUKA iiQoT Edge Gateway Options



KUKA recommendation

- Full KUKA support
- 2 Services in one

Option I



KUKA CRSM Type A

- Licensed KUKA Product
- Performs KUKA iiQoT and KUKA Remote Service
- Meets IT security standards with integrated Firewall

Option II



Virtual Cloud Connector

- Cost-free Product
- Performs KUKA iiQoT virtually
- Customer provides server with integrated Firewall

Option III



Welotec EG 500

- KUKA recommended Edge-Gateway (not sold by KUKA)
- Performs KUKA iiQoT (Remote Support requires add. Hardware)
- Customers task to procure Welotec EG 500

General



Customer Notes

- All options come with KUKA iiQoT Broker Software
- All options come with commissioning manuals
- Customers task to set up required IT infrastructure



KUKA iiQoT Shopfloor Network

Application layer



Cloud layer



Edge-Gateway layer



Shopfloor Network layer



Shopfloor layer



General

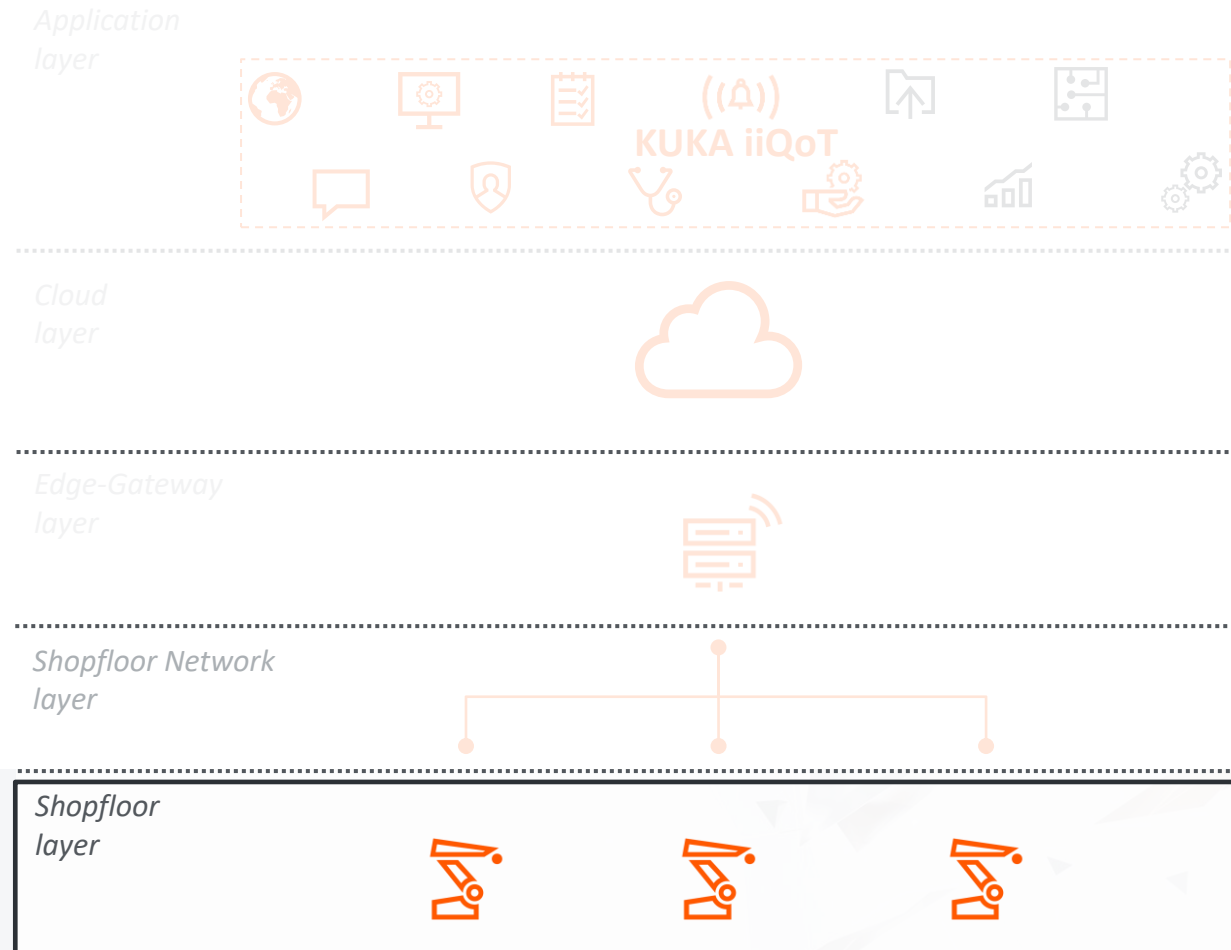


Customer Notes

- Network connection between robots and edge-gateway
- KUKA offers a Shopfloor Network checklist
- Customers task to set up required IT infrastructure



KUKA iiQoT Shopfloor Requirements



General



Customer Notes

- Each robot needs **KUKA.DeviceConnector pre-installed**
- Free KUKA software (Download on KUKA Marketplace)
- KUKA iiQoT works with OS KSS 8.3 or higher



KUKA iiQoT Data Security



KUKA Cloud Security

- ISO 27001 certified data center located in the European Union
- Latest MS Azure cloud security and compliance standards
- Newest encrypted data traffic
- Edge authentication via TPM¹ (industry-wide ISO standard)



Data Storage Rules

- Only KUKA robot variables
- Strict GDPR compliance



Objective of Data Collection

- Solely purpose of robot system
- Improvement of KUKA products & services



KUKA Data Assurance

- No back trace of user or production quality
- No sharing to 3rd parties
- No value for external parties

Agenda

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The Jump Start Initiative Covers all Customer Challenges to use KUKA.iiQoT

Content

Provide all necessary items for efficient implementation

Close technical support to solve all obstacles to use KUKA.iiQoT

Official KUKA solution with continuous development



The Jump Start Initiative covers all upcoming tasks for the customer and allows an economical IIoT project

Offer



Jump Start Initiative in a Nutshell



KUKA offers an all-inclusive approach to enable the digital transformation of KUKA Robots with iiQoT

What is in for you?

- Immediate tenant
- Easy access to required hardware¹
- Direct access to iiQoT experts

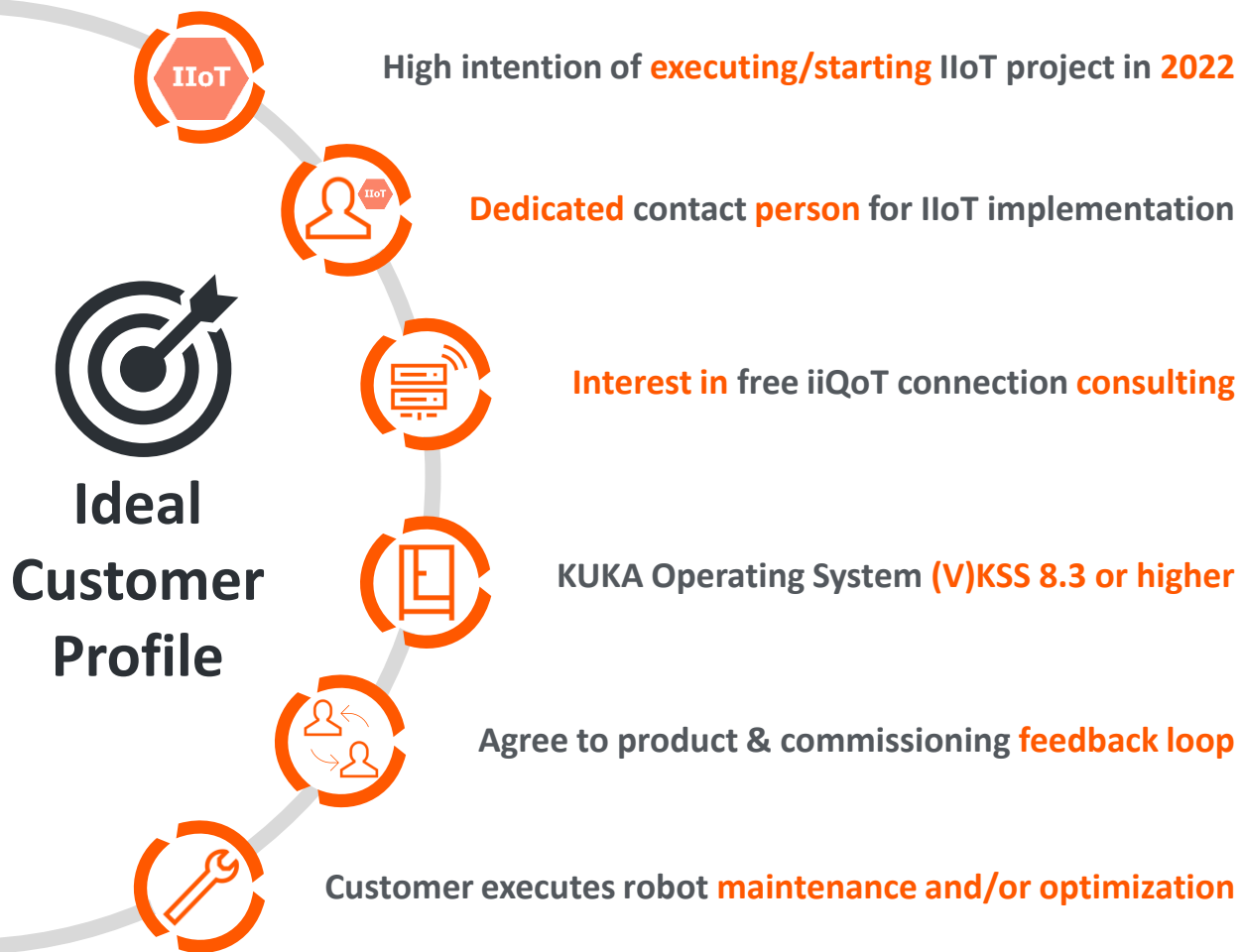
**Until
End of 2022**

Timely-limited offer²

How to qualify?

- Start of IIoT project in 2022
- Provide employee for iiQoT commissioning
- Agree to feedback interviews (product & commissioning)

Who is our target group for KUKA.iiQoT – Jump Start?



Note:

- KUKA.iiQoT is for all industries
- Only participants of Jump Start initiative are entitled for free iiQoT connection consulting (deadline 31st of December 2022)



All Components necessary for KUKA.iiQoT and Jump Start Offering

Product components

1



KUKA.iiQoT Tenant

2



Cloud Gateway

3



Customer IT-Infrastructure

Jump Start Initiative covers all components

Customer Tenant

- Immediate Tenant access
- Cloud costs hosted by KUKA



Included Cloud Gateway

Physical Cloud Gateway¹ Virtual Cloud Gateway²

- Rental -

- Free -



iiQoT Connection Support

KUKA Consulting Service to ensure connection of KUKA.iiQoT with customer IT-Infrastructure

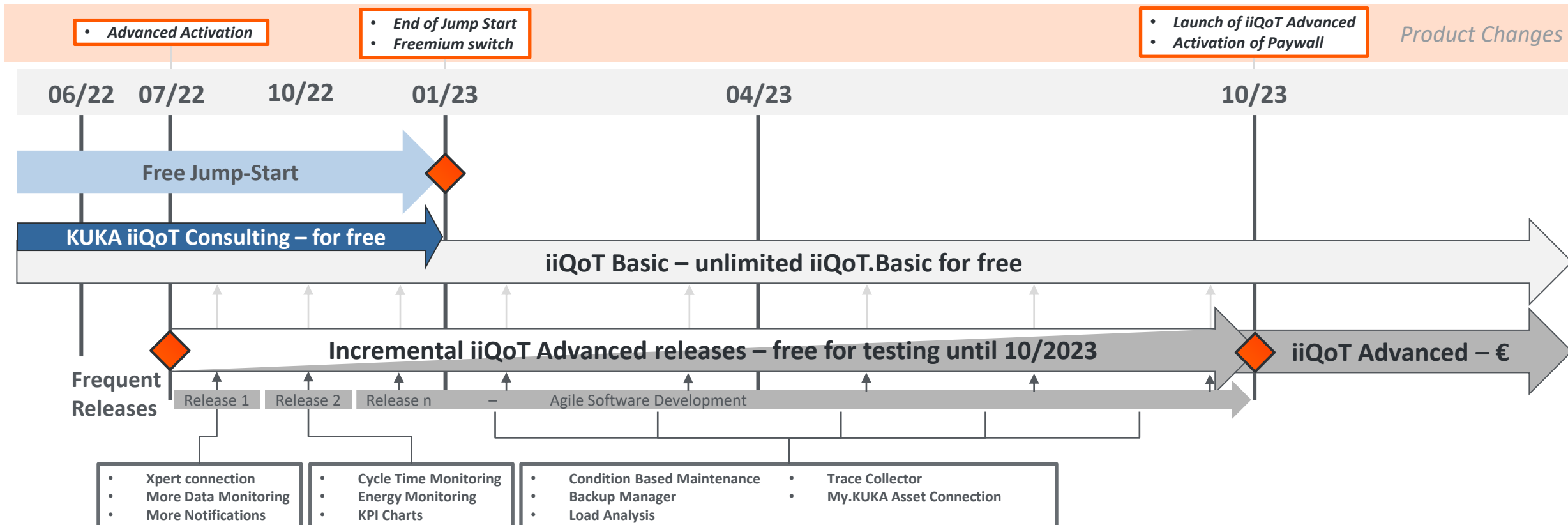


The Jump Start Initiative **covers all components**

¹ KUKA offers cloud gateway recommendation with corresponding gateway configuration and additional commissioning manual

² Customer must provide server/PC for virtual cloud gateway

KUKA.iiQoT Product Roadmap – External





Questions?

If you have any questions, or you would like to discuss this product in depth for your company?
Please do not hesitate to contact us.

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