

Siemens

Julewebinar

Virtual PLC
S7-1500V

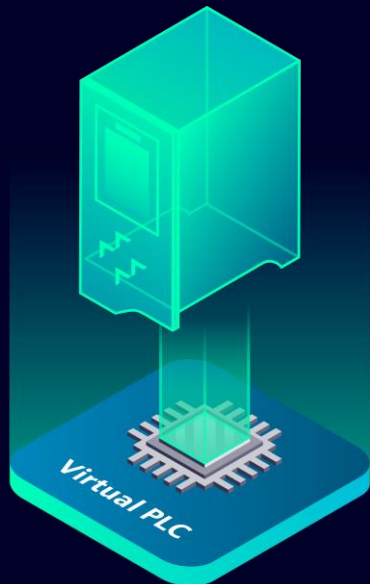


SIMATIC S7-1500V

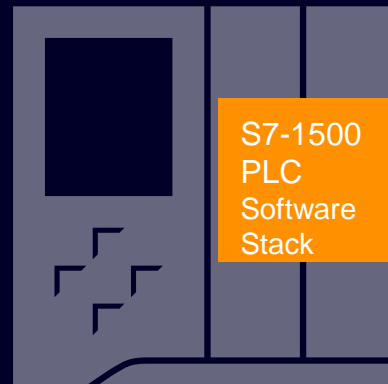
Virtual controller on Industrial Edge!

S7-1500V

- **virtual SIMATIC S7-1500 PLC**
- Hardware independence
- TIA Portal compatible
- App Management over IT/Edge



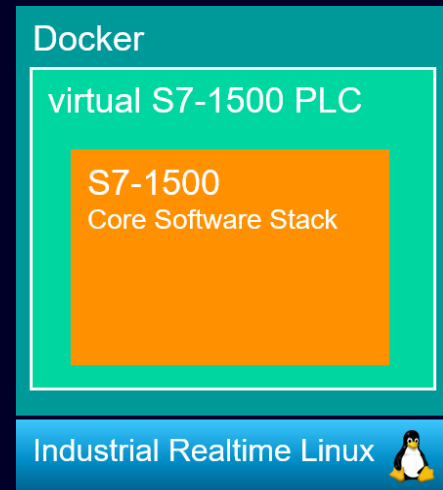
S7-1500 PLC



virtual SIMATIC PLC

@SIEMENS Edge Runtime

Edge App



SIMATIC S7-1500V Facts

TIA Portal compatible

Edge Runtime App
@ Edge Marketplace

Real-time capable based on
standard LINUX mechanisms

Safety support¹



Multiinstances of a PLC
on one Device¹

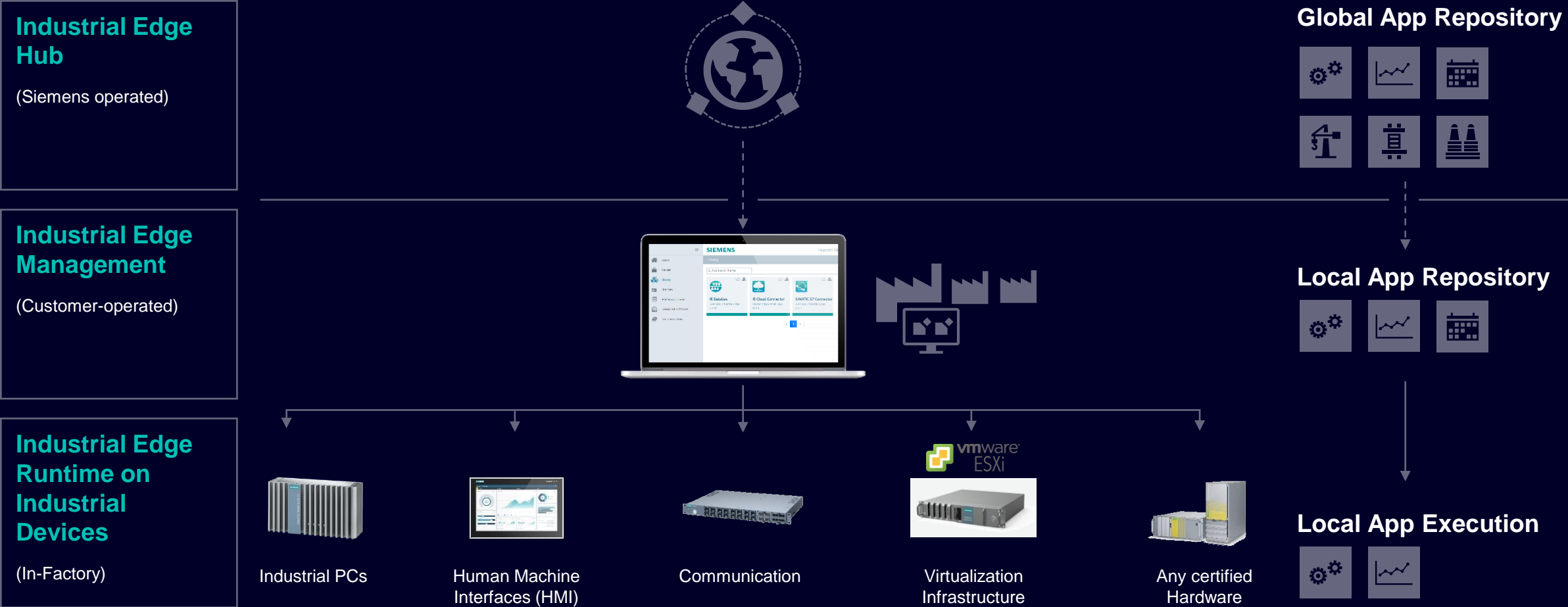
Profinet RT with
1ms Cycle Time

Hardware independent – available
for Industrial Edge Device for
IPCs and Virtual Edge Devices

Decentral IO control

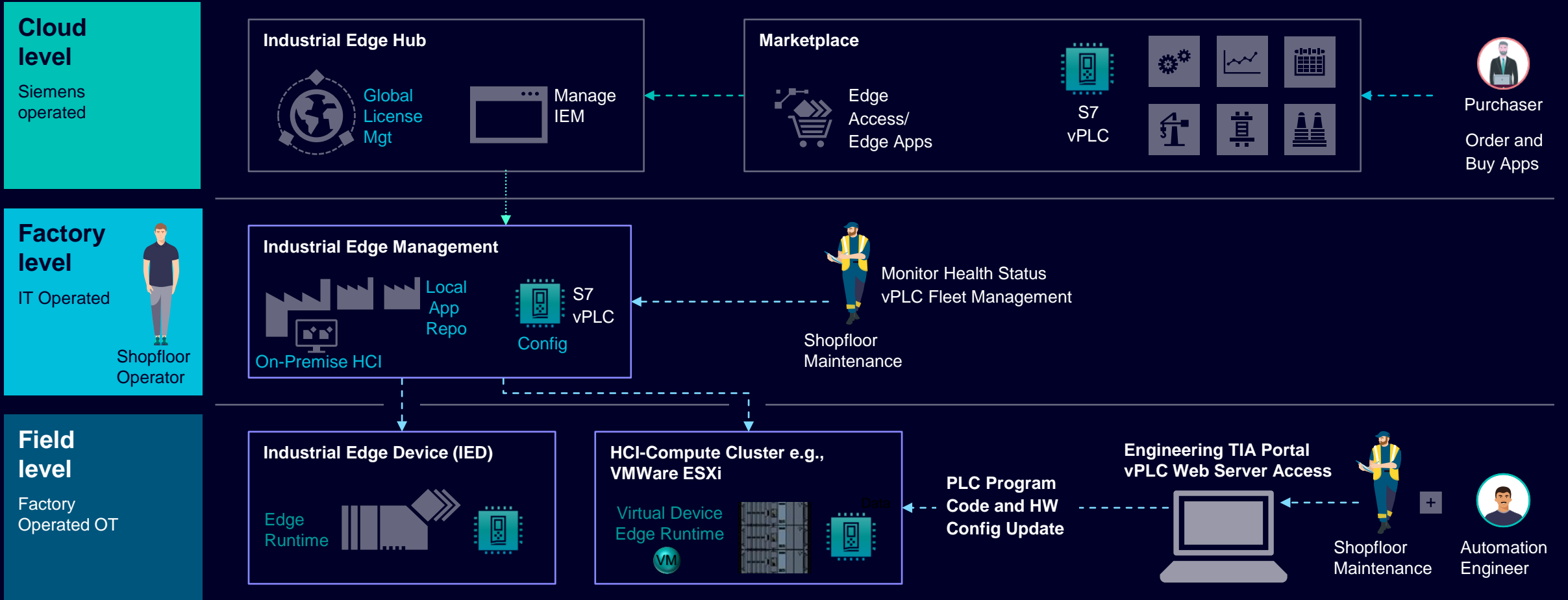
¹ Planned for future versions

SIMATIC S7-1500V Industrial Edge components



SIMATIC S7-1500V

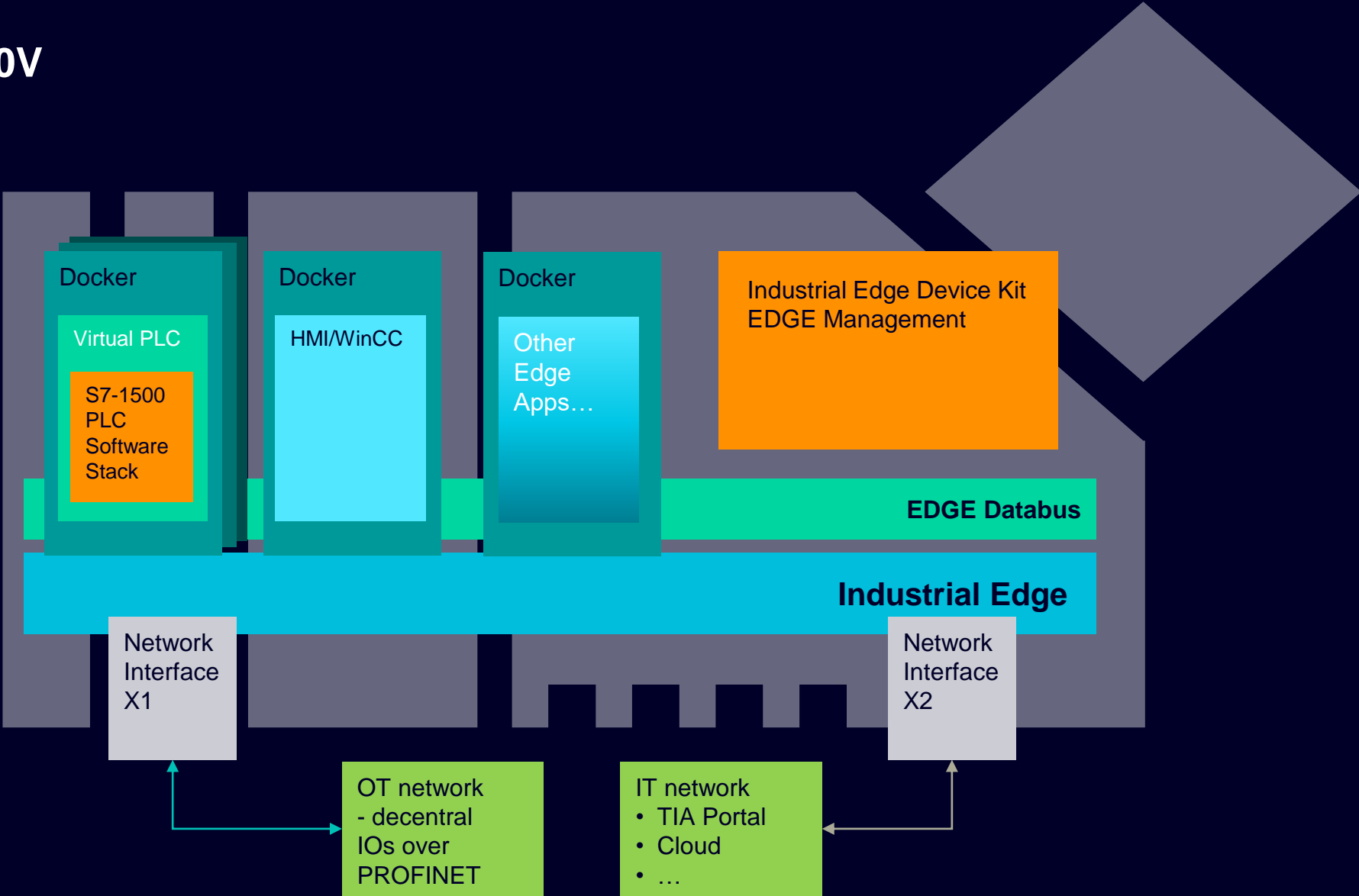
Overview Customer Journey Map – Virtual PLC



IT operated
 Siemens operated or local
 VM Virtual Machine Based

SIMATIC S7-1500V

Big picture



SIMATIC S7-1500V

Big picture virtual Edge Device

