



The IXON Cloud ① offers everything a machine manufacturer needs, including open APIs to ensure 'future-proofing'. Microservices ② can be used to implement server-side code for specific features or to glue different cloud providers together. End users can login directly in your portal, to remotely control the machine or to view machine information. The portal can be easily white-labelled ③ and published in app stores ④ as your own App. The portal's user interface can be customised using drag & drop widgets ⑤. IXON Cloud has an ever-growing number of components, or a Custom Component ⑥ can be developed to create specific views or to interact with other sources. The IXrouter edge gateway ⑦ connects a machine from a production plant securely to the Cloud. It can pull data using one of the following protocols: OPC-UA, EtherNet/IP, Modbus TCP, Siemens, MELSEC and BACnet/IP. Alternatively, data can be pushed to the gateway using a plain TCP protocol. The edge gateway also acts as a firewall to separate and protect all equipment inside the machine from the local IT/OT network. As an additional security layer, the OT network (machines) is often isolated from the local IT network. ⑧

