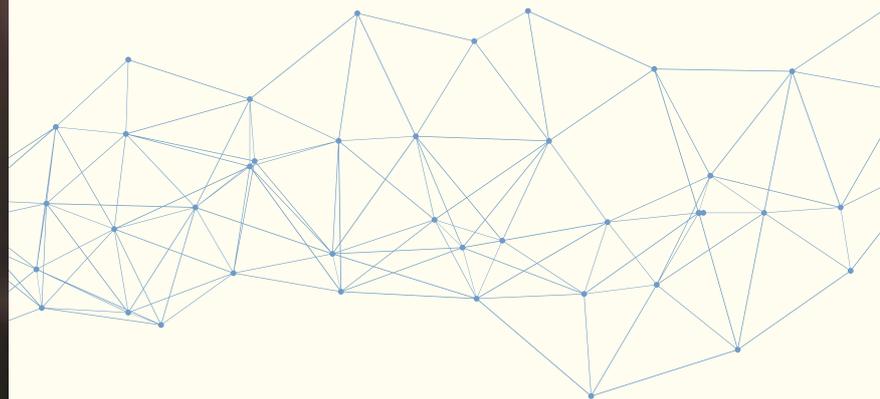AÎRGATE

MAKING THINGS SMARTER

URCap development

Robot software integration

AIRGATE is a one-stop-shop strategic system integrator offering a broad portfolio of standard and customized industrial IoT services. AIRGATE makes it easy and secure to develop and deploy IoT solutions end-2-end in a scalable way, helping industrial companies all the way from identifying the IoT potential to implementation of the IoT solution. AIRGATE provide IoT solutions that, ensure predictable maintenance of industrial assets, reduce downtime in production, optimize processes and workflows as well as support development of new revenues streams.
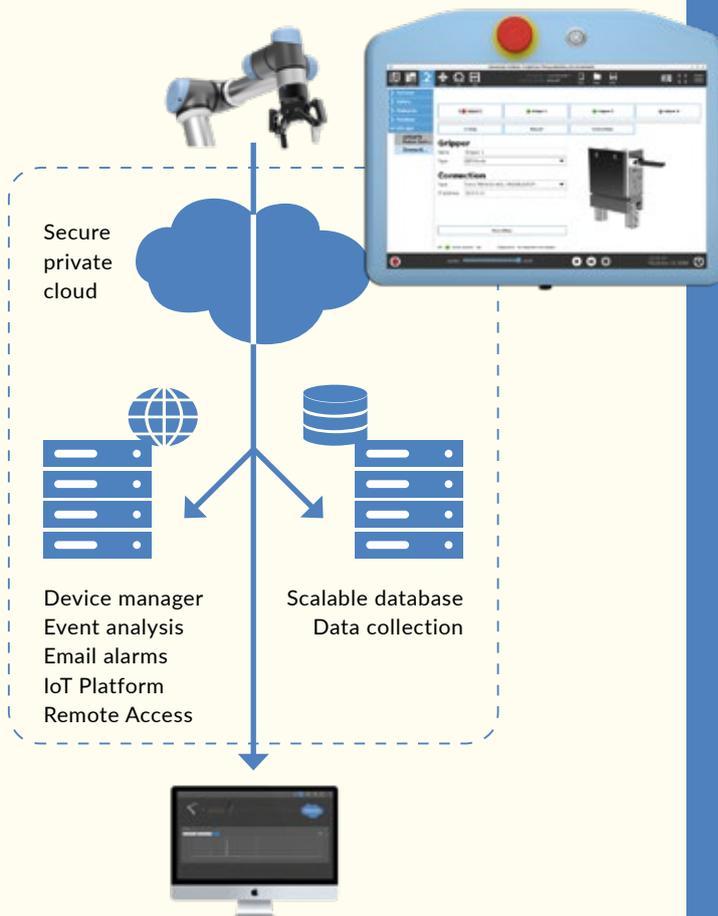
AIRGATE is developing robot software solutions as a certified developer for Universal Robots. AIRGATE has developed robot software (URCaps) for integration of robot end-effectors and accessories like grippers and laser scanners into Universal Robots for third party industrial suppliers. By having these end-effectors and accessories integrated with Universal Robots the overall experience will be easier for the end customer.

Benefits & Features

AIRGATE makes robot software for Universal Robots CB and e-series that support a stronger sales channel through Universal Robots for industrial suppliers. AIRGATE URCap integration software comes with an optional access to myAIRGATE IoT platform, to perform and monitor detailed cloud data analysis of the end-effectors and accessories performance. Thus, a higher Overall Equipment Effectiveness (OEE) and optimizing of the production quality can be obtained. AIRGATE.

Secure private cloud

Device manager
Event analysis
Email alarms
IoT Platform
Remote Access

Scalable database
Data collection

Please do not hesitate to contact Søren Lund, CEO at AIRGATE, by e-mail sl@airgate.dk or by mobile +45 6191 7111 for in deepen information.

THE SOFTWARE DEVELOPMENT PROCESS OF AIRGATE

1. Initial telco meeting with customer for scooping the URCap development project

2. Internal AIRGATE clarification of the URCap development project and definition of solutions reviewed and 'approved' by Universal UR+ representative

3. Offer preparation based on the product specification including time schedule is sent to the customer for approval

4. Kick-off meeting (workshop) with customer either as a telco meeting or as a physical meeting, depending on the complexity of the URCap development project

5. Kick-off meeting agenda:

   A AIRGATE presentation of URCap GUI mockups for the customer

   B Definition and clarification of technical issues and possible solutions together with customer

   C Reconciliation of the URCap development project cooperation between customer and AIRGATE

   D Product development planning with customer

   E Clarification of UR+ certification product marketing task – AIRGATE or customer responsibility decision

STATE OF THE ART SOFTWARE DEVELOPMENT BY AIRGATE

1. CB and e-series model URCap software design with focus on usability and security

2. HTML/Java (Java Swing) coding and Daemons (golang)

3. Integration of an IoT platform including the possibility of remote access and alarms from the integrated solution