

STAG

Sensor Technology Adapter Gateway

Intelligent sensor systems are the basis of a smart factory and thus a building block of Industrie 4.0.

Sensor systems from different manufacturers often use different communication protocols with individual data models. This can become a challenge if all these systems need to be integrated into a central data processing or even IoT platform. The modular Sensor Technology Adapter Gateway, or STAG for short, helps to reduce the complexity of integration.

The Sensor Technology Adapter Gateway (STAG) is an open source project aiming on the ease of integrating sensor systems.

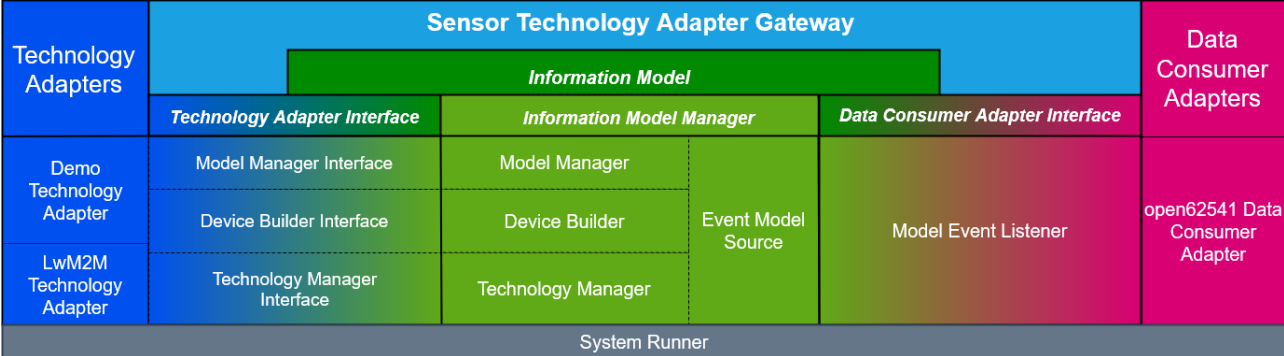


Application features:

- Ease of use
- Independent of specific sensor systems
- Modular and expandable design
- Common understanding and data model of sensor systems and sensor information
- Central translation technology for mapping between different data models

Technical features:

- Completely written in C/C++
- Platform and compiler independent
- Integrates the open62541 OPC UA server
- Includes an integrated LwM2M server



Architecture overview