# atvise®
# webMI2ADS

Data and HMI of Beckhoff PLC products from the PC CX series are directly available for atvise® webMI2ADS users in pure web technology. atvise® webMI2ADS offers historization, alarming and extended user management functionality.

## atvise® builder

### Engineering Tool:
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The atvise® builder allows the user to create projects without the need of special coding or web knowledge. The main features of the atvise® builder are:

- Library full of predefined default objects
- A complete graphic design tool to create dynamic displays
- SVG vector graphics incl. zooming function
- Event-driven dynamics
- Direct import of variables and types
- Multiple languages

### Server:
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The webMI2ADS web server can be installed on common Beckhoff devices and supports TwinCAT 2 as well as TwinCAT 3.

Native communication link between Beckhoff ADS and atvise® webMI ensures fast and stable connection*

### Client:
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Common web browsers in the current version. No additional client software or plugins like Java, ActiveX, Flash, etc. needed. Therefore runs via Internet on any terminal / (web-) panel, standard PC / Laptop or mobile device like Smartphone or Tablet PC - regardless of where you are.

## Functionality:
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- object oriented engineering.
- historisation: due to reduced memory on PLCs, the storage is based on ring buffers. In the archive configuration the amount of entries and the time interval can be selected. Pre-defined displays for use in projects are available.
- alarming: alarm text, acknowledgement mode, priority, operator and limit are configurable.
- user-management: administration of rights, groups and users. Users and their group affiliation can be readout and changed at runtime. Predefined displays for use in projects are available.
- Multitouch: Create visualizations for multitouch-capable devices.
- up to a maximum number of eight concurrent clients is recommended.

## Device independent controlling and monitoring
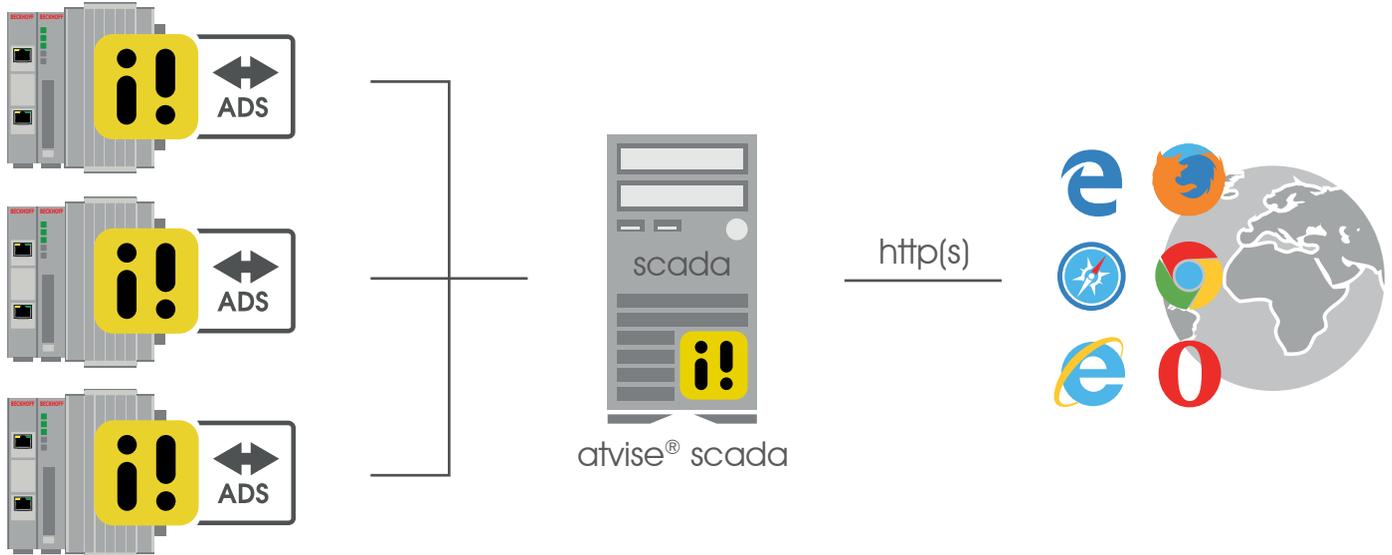
http(s)

* Recommended Beckhoff PLC products for atvise® webMI2ADS  (eg. CX1010, CX9010): www.atvise.com/solution-matrix
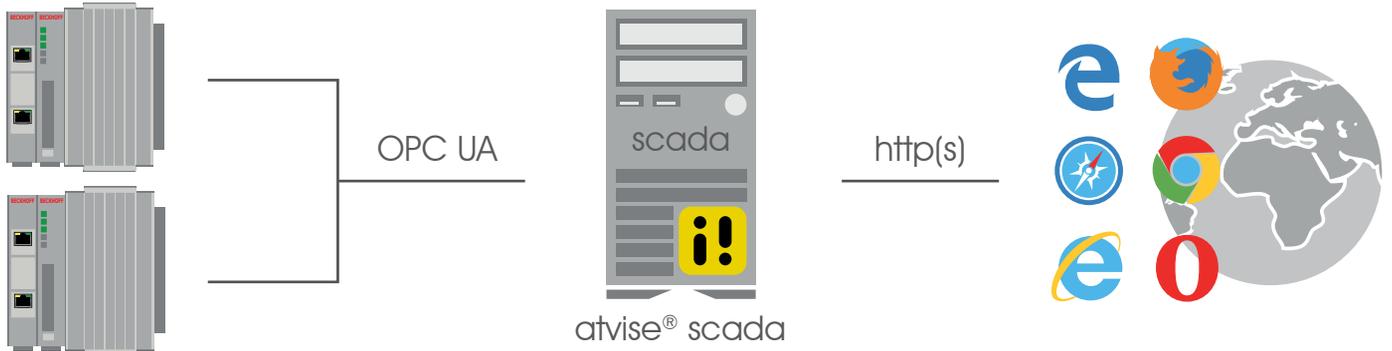
# Highly diverse architectures
With atvise® webMI2ADS and atvise® scada multiple topologies become possible

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The following examples are showing which opportunities are afforded by the consistent use of atvise® products. This is how to project complex, sector-independent processes and plants professionally. Those who decide for an implement-ation via OPC Unified Architecture interface benefits from all the advantages this standard offers. Among others engineering becomes a pleasure thanks to perfect object orientation: objects, types and their instances on a PLC will be automatically assumed to the SCADA system.
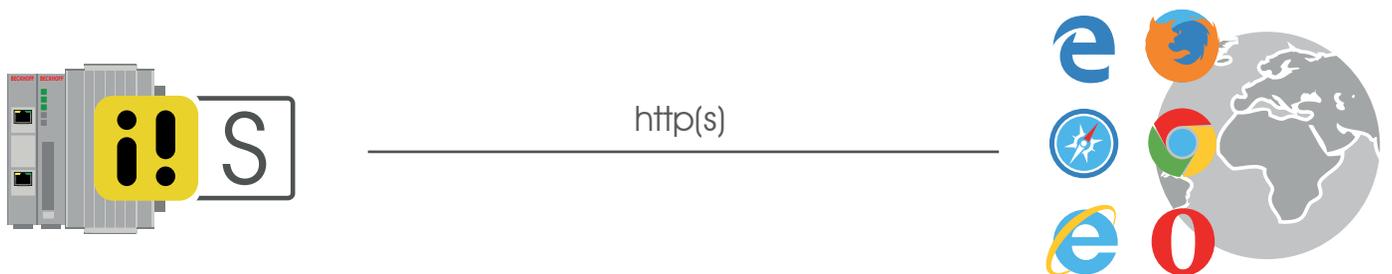
## Option 1: With webMI2ADS in the world of SCADA

ADS

ADS

ADS

scada

http(s)

atvise® scada

## Option 2: State-Of-The-Art - SCADA connection via OPC UA

OPC UA

scada

http(s)

atvise® scada

## Option 3: Space saving - atvise® scada on a Beckhoff PLC

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http(s)

All powerful PLC products of the Beckhoff CX10x0 and CX20x0 series* with Windows XP Embedded resp. Embedded Standard 7 are able to use the complete functionality of atvise® scada like serverside scripting, extended alarming and historization. Because Beckhoff and atvise® products are based on OPC Unified Architecture, both are working together seamlessly.

* Recommended Beckhoff PLC products for atvise® scada (eg. CX1020, CX2020): www.atvise.com/solution-matrix