

JUNE 2020

Introduction to InduSoft Web Studio

Version 20.0

AVEVA

Agenda

Overview

Main Features and Competitive Advantage

Licensing

Key Takeaways

INDUSOFT WEB STUDIO

Overview

AVEVA

The Vision

An open-standard based architecture, designed from the ground up with security in mind.



Interact with ANY device

Through ANY network/protocol

Access ANY data



InduSoft Web Studio

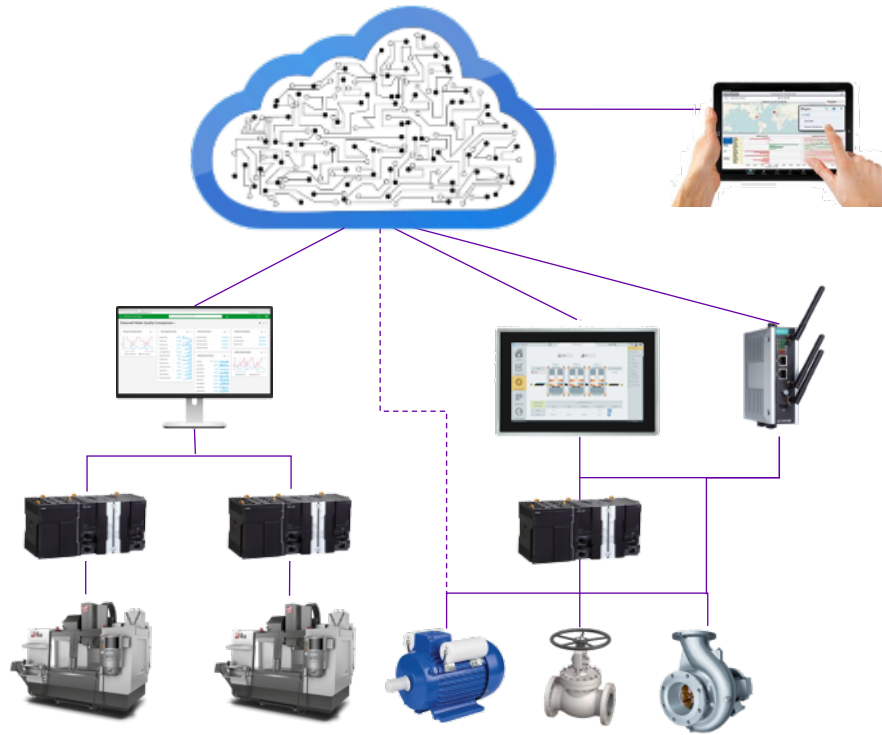
Easy Configuration
Sustainable
Collaborative
Cost Effective

Industrial Internet of Things (IIoT) / Industry 4.0

InduSoft Web Studio as an IoT Gateway and/or HMI/SCADA node

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Cloud Analytics and Mobile Access



analytics, consolidation, artificial intelligence (AI), machine learning (ML), remote management/deployment, remote notifications and monitoring

Edge devices



data acquisition, data manipulation (aggregations, filtering, contextualization, normalization), link with the cloud, local maintenance, local operation

Instrumentation and Controllers



operational real-time control, raw data measurements

Main Benefits

 Productivity

 Reliability

 Security



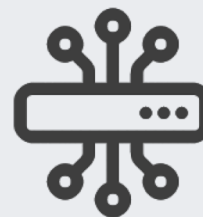
Portability



Mobility



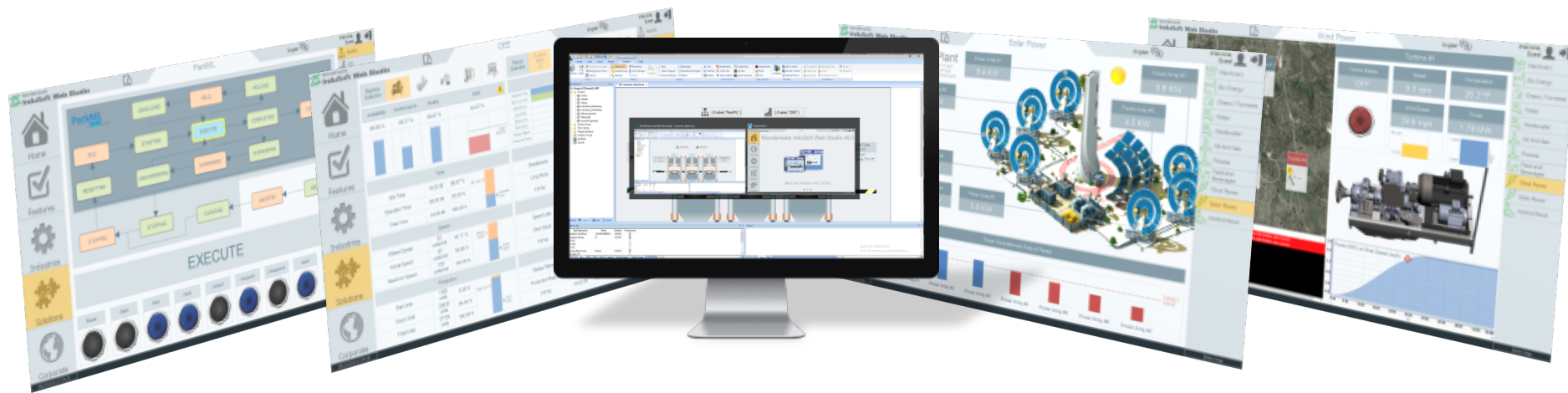
Interoperability



Value Proposition

Easy, simple, and powerful

InduSoft Web Studio is an easy-to-use, powerful, and affordable HMI/SCADA software and IoT/Industry 4.0 solutions for PCs, industrial panels, embedded & mobile devices



Develop your project once → Deploy and run it anywhere

Linux, Windows CE/Mobile, Windows Embedded, Windows Desktop and Server Editions, among others.

Investment Protection and greater ROI

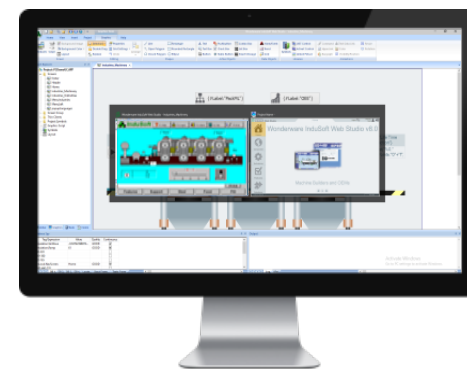
100% Compatibility with applications designed in previous versions



1997

InduSoft Web Studio 1.0

Windows NT
Windows 95
Windows CE



2020

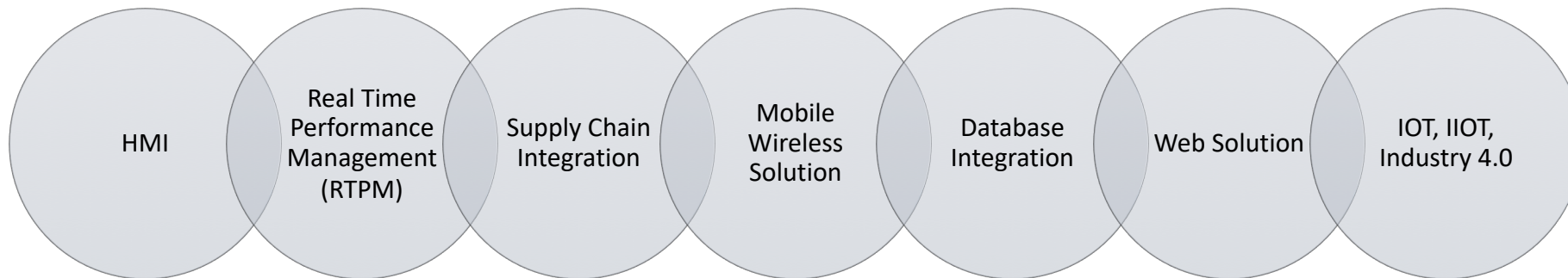
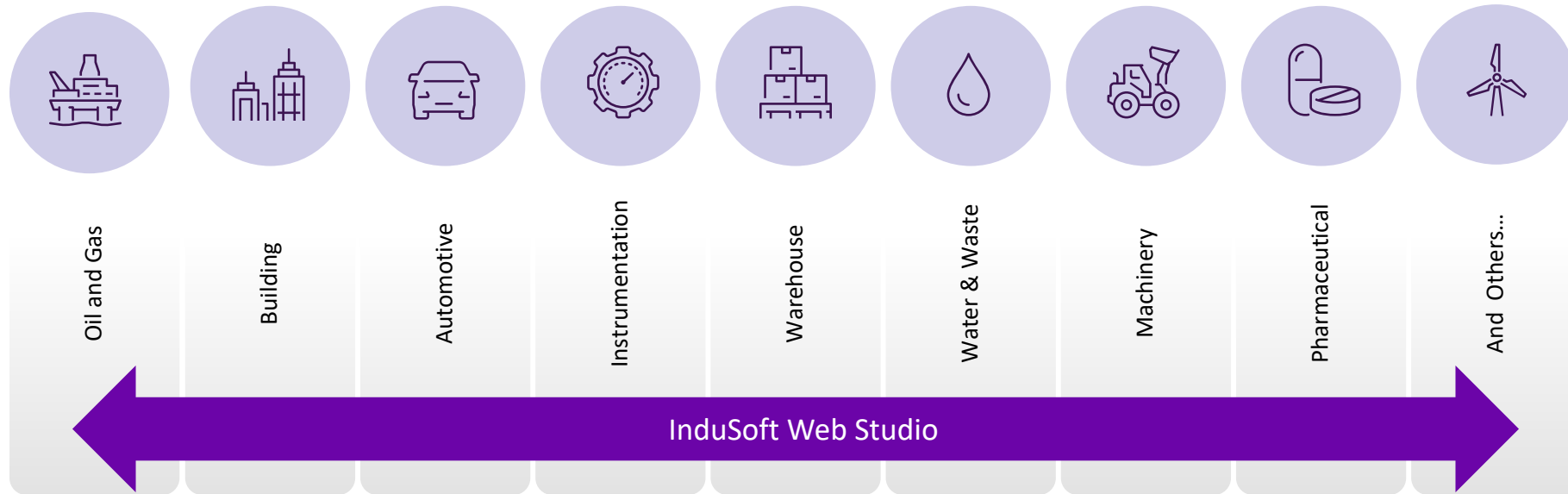
InduSoft Web Studio 2020

Windows 10
Windows Server 2019 / 2016
Windows 10 IoT Enterprise
Windows Embedded Standard 7 / 8
Windows Embedded Compact 7 / 6 / 5
Linux

**Evolve protecting
your investment!**

Vertical Markets

Any vertical market, any application



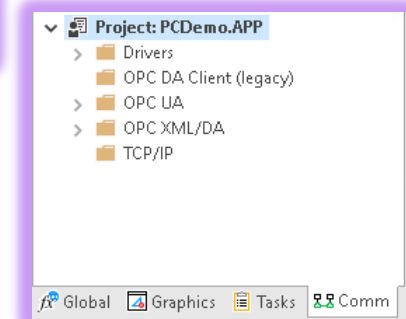
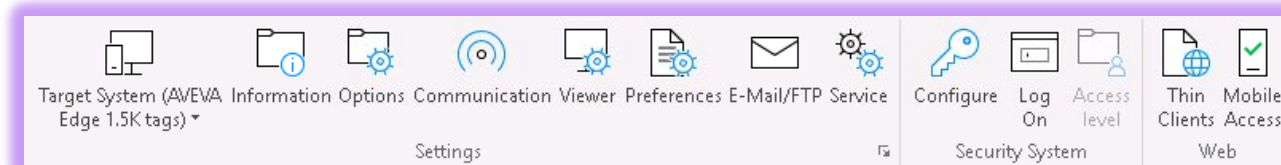
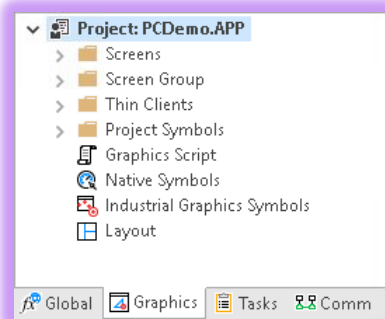
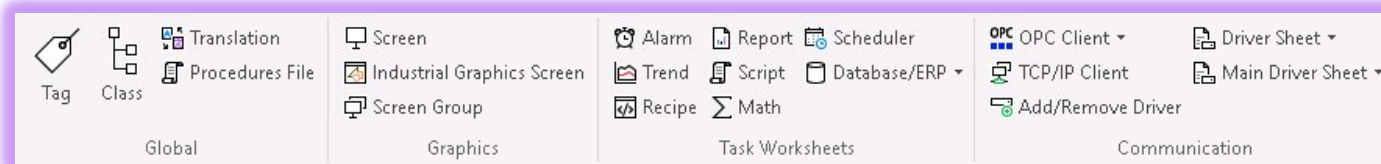
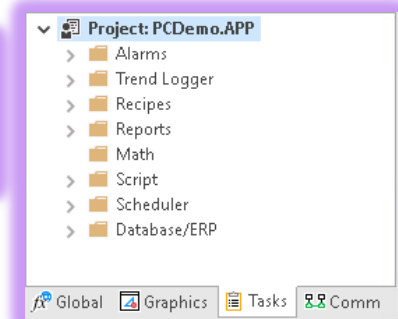
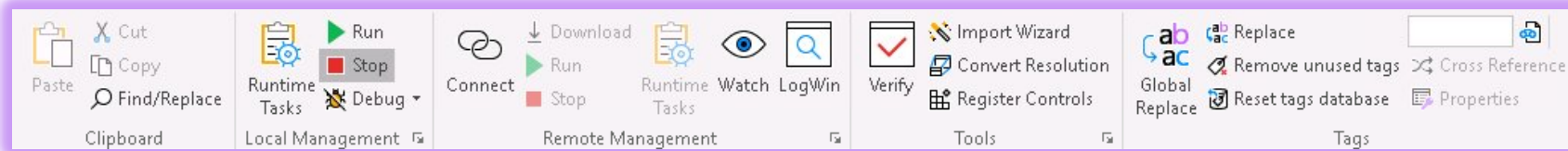
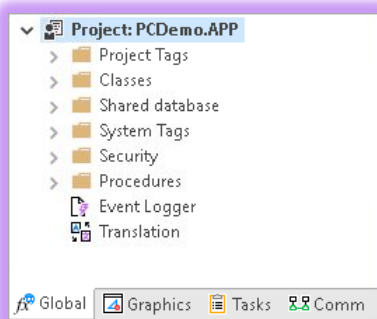
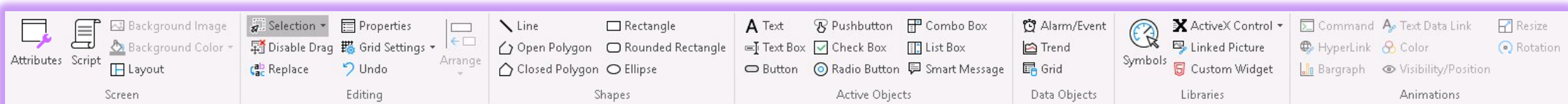
INDUSOFT WEB STUDIO

Main Features and Competitive Advantages

AVEVA

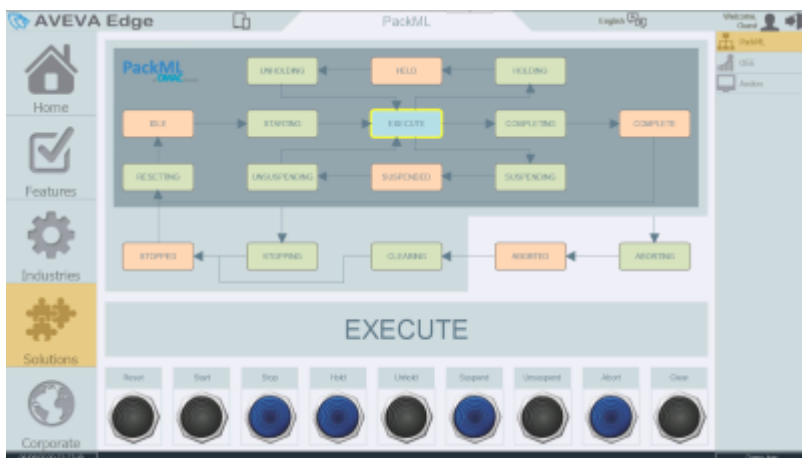
Native tools for SCADA, HMI, and IoT solutions

Comprehensive, Mature, Innovated and fully integrated



Solution in Layers

OEM-focused template-driven solution



Customization
(User, Project,
Development Specific)

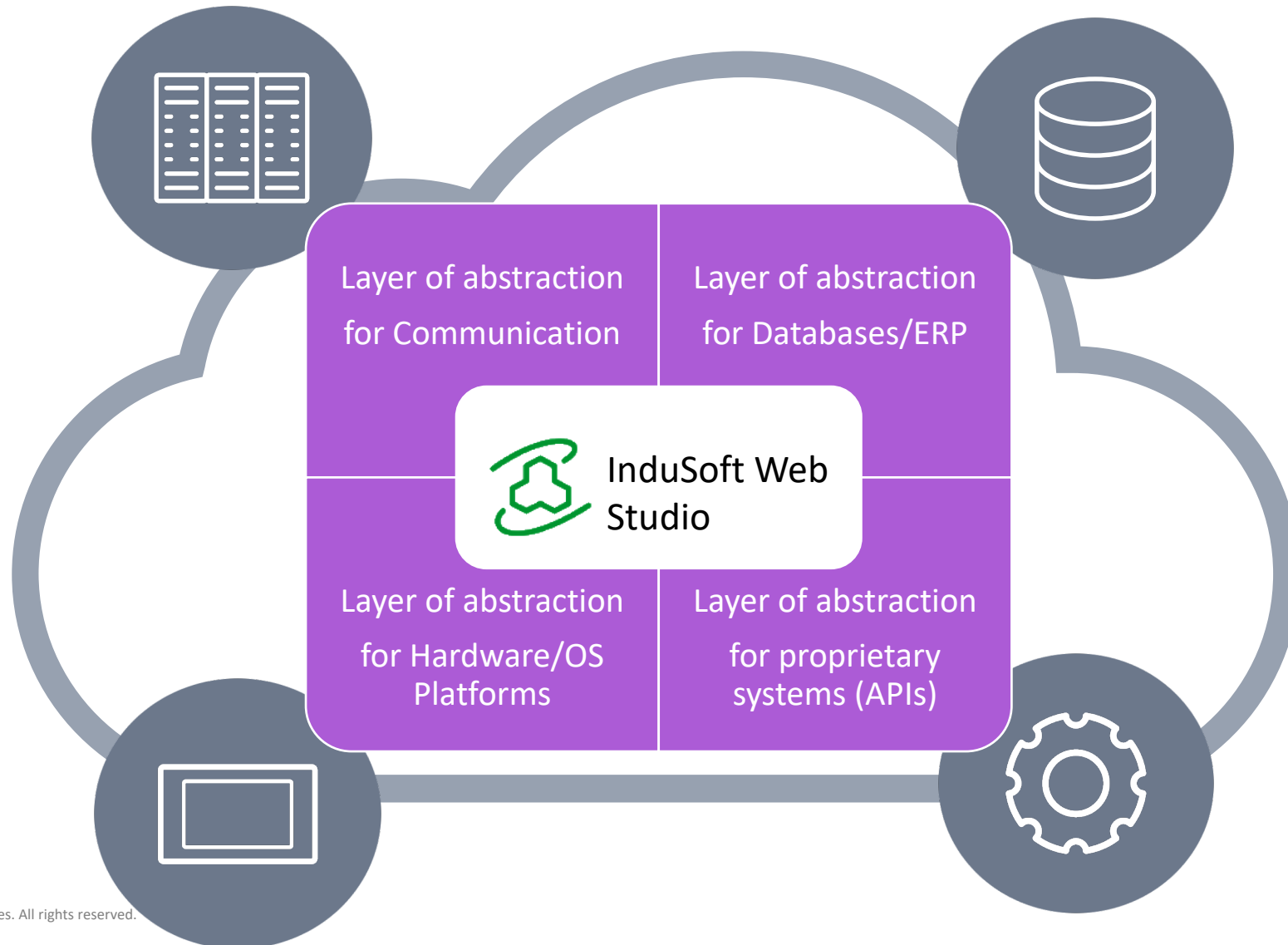
Template
(Industry Specific)
Data Center Template

Product
(General Market)
InduSoft Web Studio

- Leverage unique capability that reduce drastically the engineering cost for multiple deployments.
- Design asset-agnostic and site-agnostic templates.
- Provide flexibility to customize templates during the runtime (on-the-fly).

Modular Architecture

Flexibility




Portability

Develop once, deploy anywhere

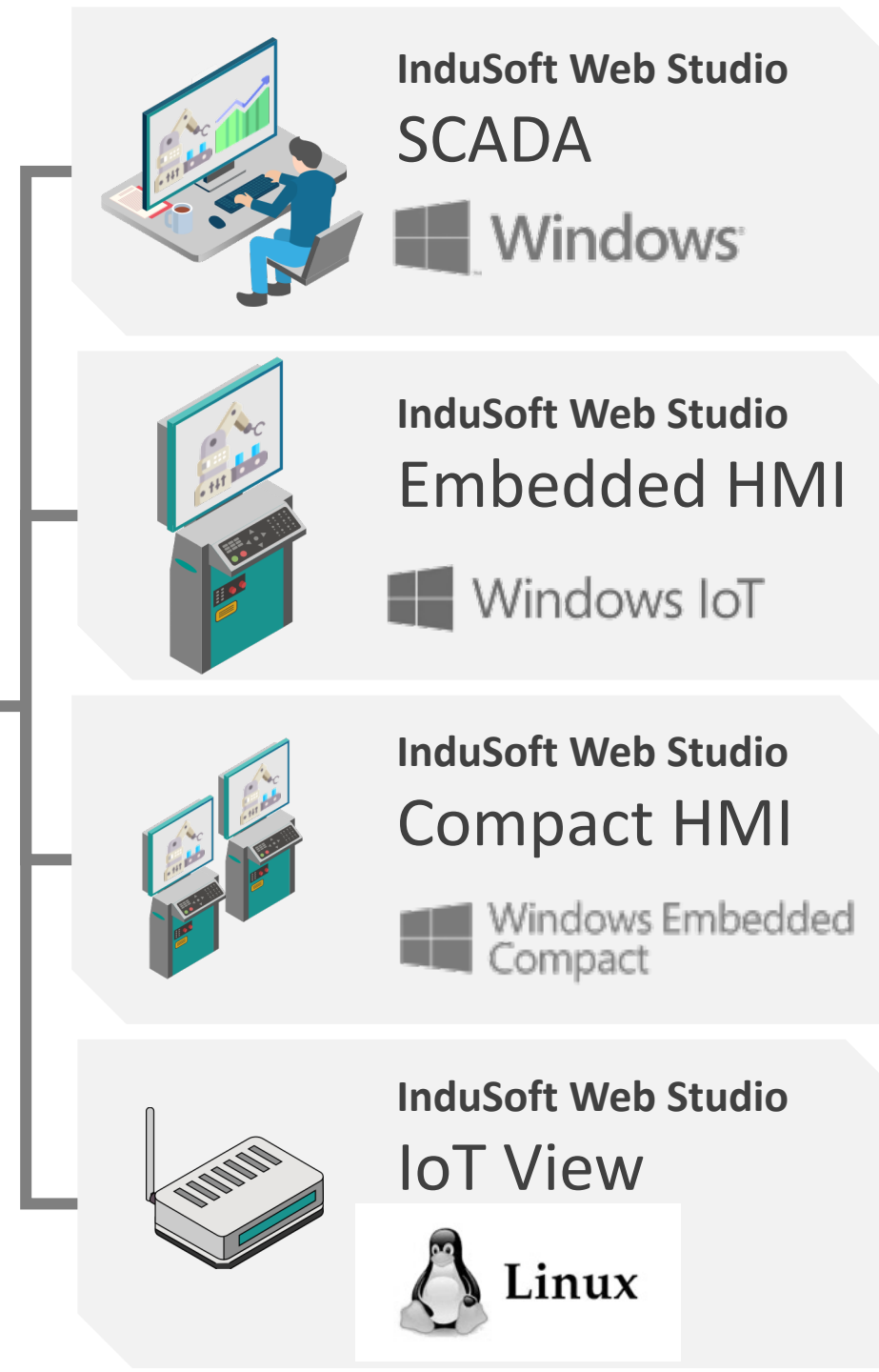
DEVELOPMENT (IDE)

InduSoft Web Studio
STUDIO



Windows

- Scalable in **functionality**
- Scalable in **footprint** (support for embedded devices)
- Scalable in **platforms** (hardware-agnostic)



RUNTIME EDITIONS

Mobility

Native Thin Clients

- **Secure:** Native secure connection with built-in encryption and authentication
- **Portable:** Access information for PCs, Tablets, Smart Phones, and wearable devices
- **Flexible:** Consume information from Web Browsers or dedicated Apps (AVEVA Mobile Access)
- **Customizable:** Custom user interface for each persona, based on their roles (lenses)
- **Scalable:** Auto screen scaling for different screen sizes and orientations
- **Interoperable:** Connectivity directly to Edge devices (e.g.: intranet WiFi - LAN) as well as to the cloud-based system (internet - WAN)

Mobile Access Thin Client



- Plug-in free
- HTML5 interface
- Platform agnostic
- Multi-use devices

Secure Viewer Thin Client



- Ability to prevent operator from closing or switching from the application.
- Dedicated devices (runtime-line user experience)



Interoperability

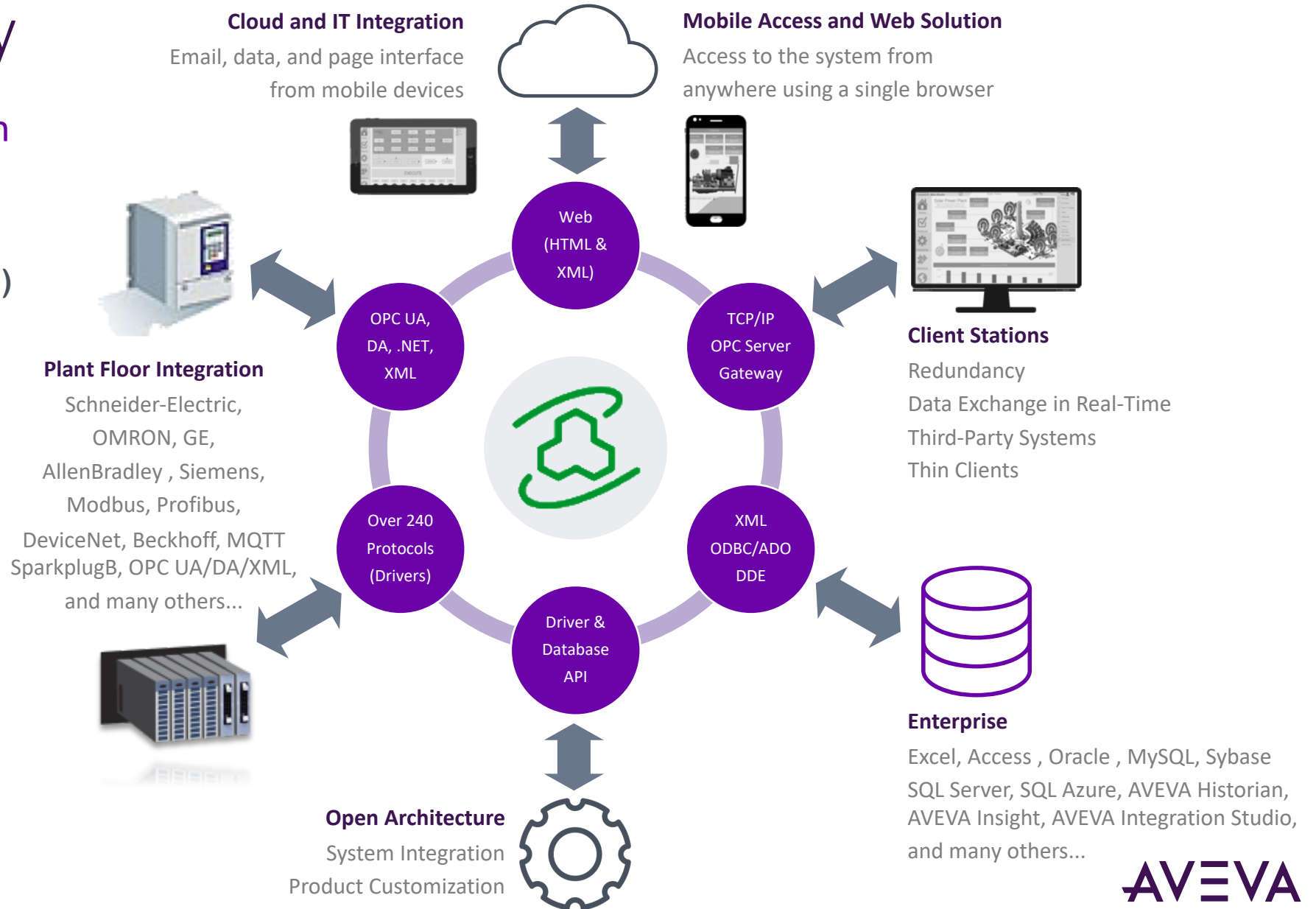
OT+IT native integration

 **Native built-in drivers (connectors) for 100+ protocols**

 **HTTP/HTTPS REST**

 **MQTT**.ORG

 **OPC UA**



Unique, state of art Database Integration

Patented solution

- Easy configuration, not requiring scripts
- Native integration with AVEVA Historian on premises
- Native integration with AVEVA Insight on the cloud
- Native integration with any SQL Relational Database
- Native Store-and-forward configuration
- Native Redundant configuration
- Native historization of Process Data (Trend)
- Native historization of Alarm notifications
- Native historization of Process Events
- Support for third-party providers OLE-DB, ADO.NET, ADO, and ODBC

AVEVA Connect



ORACLE®



AVEVA

Import Wizards

Reduces drastically engineering cost to modernize projects with InduSoft Web Studio

Rockwell®
FactoryTalk™ ME/SE



 InduSoft Web Studio

Rockwell®
PanelBuilder32



EATON®
PanelMate



Cost-effective method to modernize
leveraging past engineering
investments

INDUSOFT WEB STUDIO

Licensing

AVEVA

Licensing

Flexible, simple, affordable



License Levels

InduSoft Web Studio 10 million tags

InduSoft Web Studio 512K tags

InduSoft Web Studio 64K tags

InduSoft Web Studio 32K tags

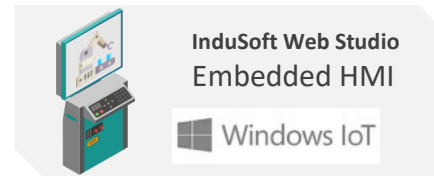
InduSoft Web Studio 16K tags

InduSoft Web Studio 4K tags

InduSoft Web Studio 1.5K tags

InduSoft Web Studio 300 tags

InduSoft Web Studio 150 tags



License Levels

InduSoft Web Studio 4K tags

InduSoft Web Studio 1.5K tags

InduSoft Web Studio 300 tags

InduSoft Web Studio 150 tags

- All features available in any license (i.e.: license does not restrict features)
- Any license supports at least one concurrent Thin Client. Additional Thin Clients available for purchased individually.

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Key takeaways

AVEVA

Key Takeaways

Your success is our success

COMPREHENSIVE AND EASY TO USE

Mature, robust, reliable solution with native interfaces and tools to provide a high level of productivity

FLEXIBLE AND OPEN


Native Portfolio Integration and support to standards and extensibility for 3rd-party system integration.


SUSTAINABLE AND AFFORDABLE

Continuously evolving with flexible commercial models that suit your needs.

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ABOUT AVEVA

AVEVA is a global leader in engineering and industrial software driving digital transformation across the entire asset and operational life cycle of capital-intensive industries.

The company's engineering, planning and operations, asset performance, and monitoring and control solutions deliver proven results to over 16,000 customers across the globe. Its customers are supported by the largest industrial software ecosystem, including 4,200 partners and 5,700 certified developers. AVEVA is headquartered in Cambridge, UK, with over 4,400 employees at 80 locations in over 40 countries.

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