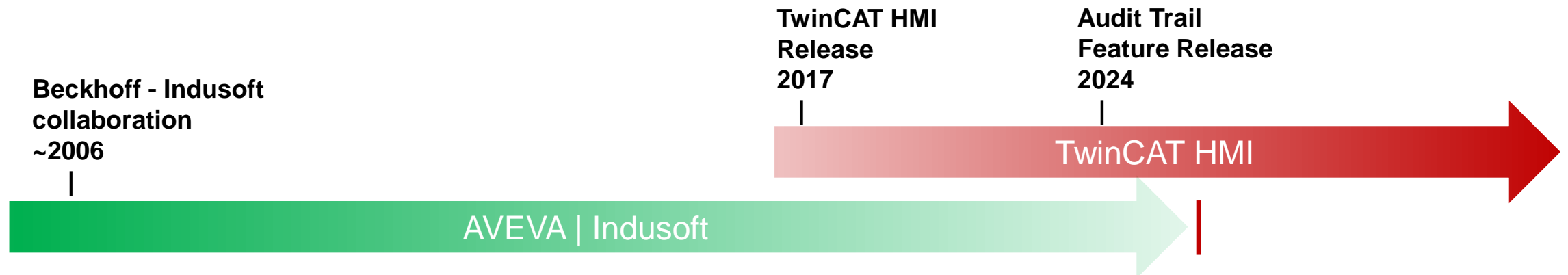


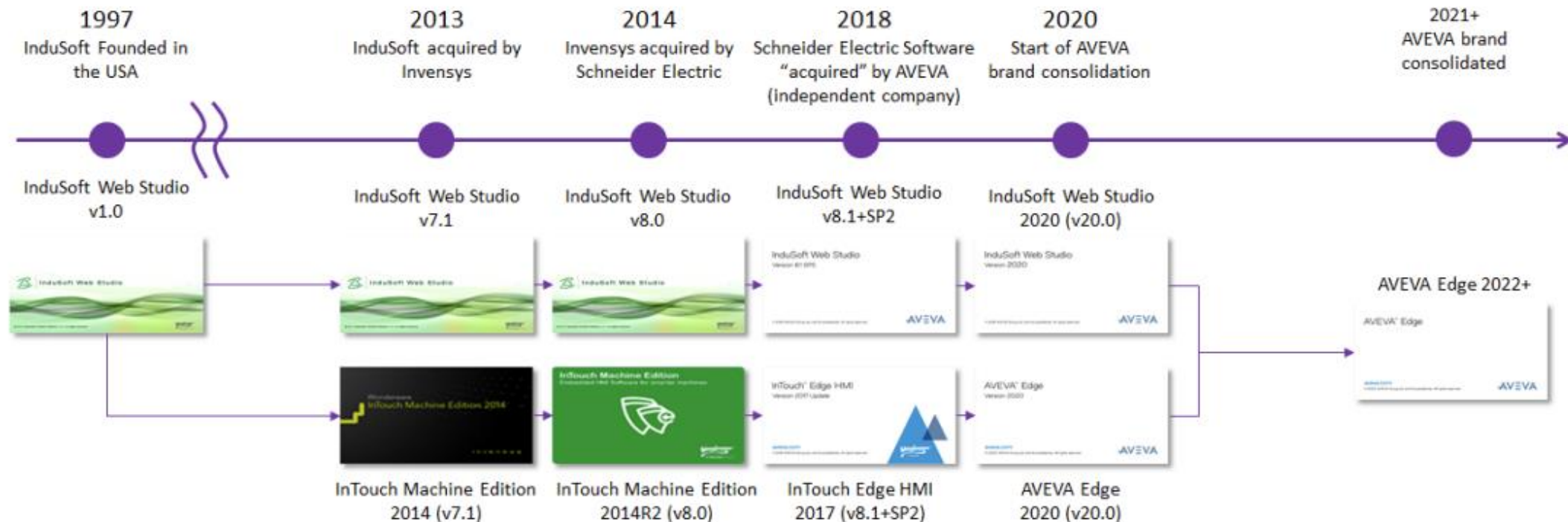
- Prior to releasing TwinCAT HMI, we did not have a dedicated HMI product of our own (other than PLC-HMI)
  - Indusoft was one of the first third-party products with a Beckhoff PLC driver, hence the partnership
  - Through mergers/acquisitions, **Indusoft** (now Schneider Electric) is technically a competitor
    - Obviously, we prefer to sell **TwinCAT HMI**
    - 21 CFR Part 11 feature parity will be achieved with the TwinCAT HMI Audit Trail extension
      - There are now **very few** reasons to spec Indusoft for new opportunities
- Beckhoff USA continues to fulfill AVEVA / Indusoft products
  - Mostly to existing customers that are “grandfathered-in”
  - Part numbers: BAUS-IND\*, BAUS-EDGE\*



# AVEVA | Indusoft – Product Timeline

BECKHOFF

- What happened to Indusoft?
  - 2013: Indusoft acquired by Invensys (Wonderware)
  - 2014: Schneider Electric acquires Invensys
  - 2018: Schneider Electric and AVEVA merger
  - 2022: All Indusoft, Wonderware products consolidated to AVEVA branding

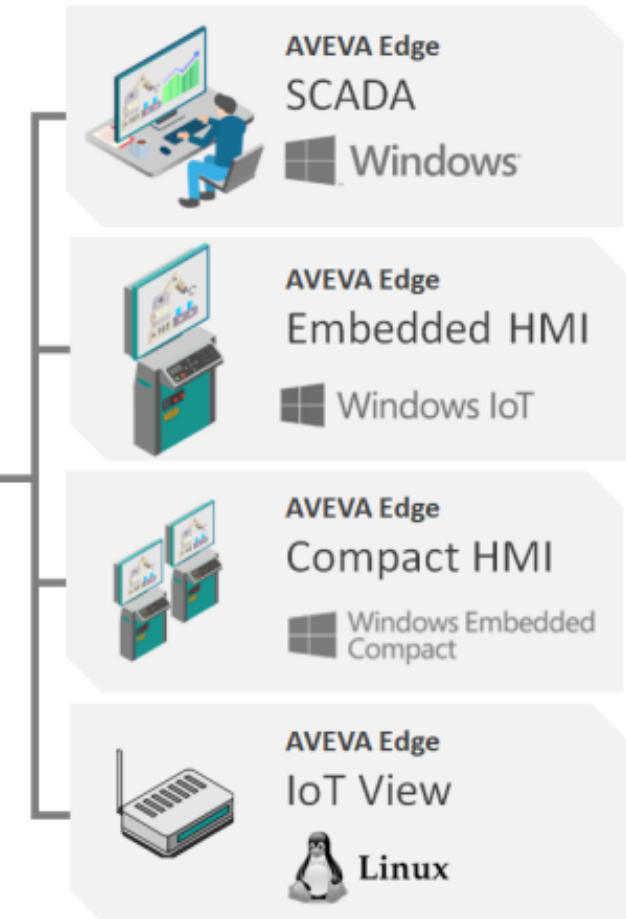


- Current Development Environment:
  - AVEVA Edge / Indusoft Web **STUDIO**
    - OS: Big Windows
- Current Runtimes:
  - AVEVA **Edge SCADA**
    - OS: Big Windows
  - AVEVA Edge **Embedded HMI**
    - OS: Big Windows, Windows IoT
  - AVEVA Edge **Compact HMI**
    - OS: Windows CE
  - AVEVA Edge **IoT View**
    - OS: Cross-platform, Linux
- Indusoft products: [next page](#)
- Licenses are based on tag count
- Typically sold on hardware dongle (USB)
  - IND-CEHK, IND-USB-HK, IND-WB-C

## DEVELOPMENT (IDE)



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



RUNTIME EDITIONS

# AVEVA | Indusoft – Product Specification

**BECKHOFF**

Operating System	AVEVA Product Name	AVEVA P/N	Indusoft Product Name	Indusoft P/N
“Big” Windows	AVEVA Edge STUDIO AVEVA Edge STUDIO/SCADA AVEVA Edge SCADA AVEVA Edge Embedded HMI	EDGED-[##]-N-20 EDGEDR-[##]-N-20 EDGER-[##]-N-20 EDGEEH-[##]-N-20	IWS Advanced Server IWS Control Room IWS Operator Workstation IWS Local/Lite Interface	IND-UNL[##]-DEV IND-[#####]-DEV IND-[#####]-NT IND-[###]NT-RT IND-[#####]NT-RT IND-UNL[##]-RT IND-[#####]-RT
Windows IoT, Windows Embedded Standard	AVEVA Edge Embedded HMI	EDGEEH-[##]-N-20	IWS Embedded View Pro/Std/Lite IWS Operator Workstation IWS Local/Lite Interface	IND-[#####]-NT IND-[#####]-RT IND-[###]NT-RT
Windows CE	AVEVA Edge Compact HMI	EDGECH-[##]-N-20	IWS Compact HMI Pro/Std/Lite	IND-[###]CE-RT IND-[#####]-RT IND-[#####]CE-RT
Cross, Linux	AVEVA Edge IoT View	EDGEIV-[##]-N-20	IoT View Pro/Std/Lite	IND-[#####]-IOTRT

Note: part numbers fulfilled by Beckhoff are prefixed with “BAUS” – e.g. **BAUS-IND-15521-RT**

- Beckhoff will continue to fulfill orders for AVEVA / Indusoft HMI products, **BUT**
- Order information must be **properly detailed during the sales phase**:
  - Which Indusoft/AVEVA *version*?
    - Runtime, development, or both?
    - Some customers still order specific legacy versions (“Indusoft” branded vs. AVEVA)
  - Which runtime operating system?
  - How many tags?
  - New order, or upgrading an existing license?
    - We need S/Ns of product being upgraded.
  - Need help? Reference these slides, or [this FAQ from AVEVA](#).
- TwinCAT HMI takes priority
  - See advantages listed on following slide
  - Reach out to your HMI PM for more info

- Future-proof architecture
  - Web-based, open technology
- OPC UA compatibility
- Beckhoff Integrations
  - **FREE**, unified, cohesive development environment
  - EtherCAT Diagnostics, Scope, Vision, XTS, etc.
- 21 CFR 11 compliance (coming soon)
- Pricing, service & support
  - AVEVA requires PAID service contract for support
  - AVEVA charges for Engineering and Runtime licenses
  - All licensing is tag based

