

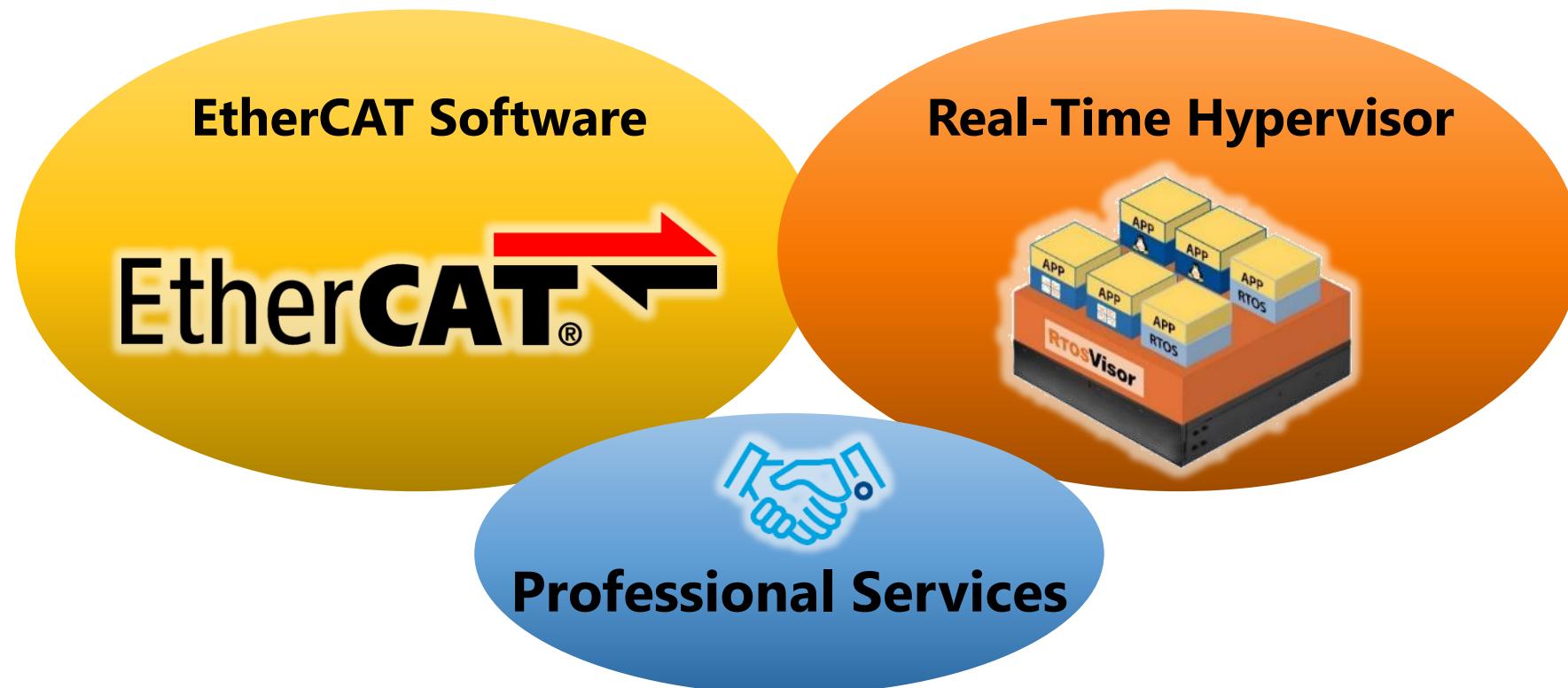


**EtherCAT Software
Real-Time Hypervisor Software
Professional Services**

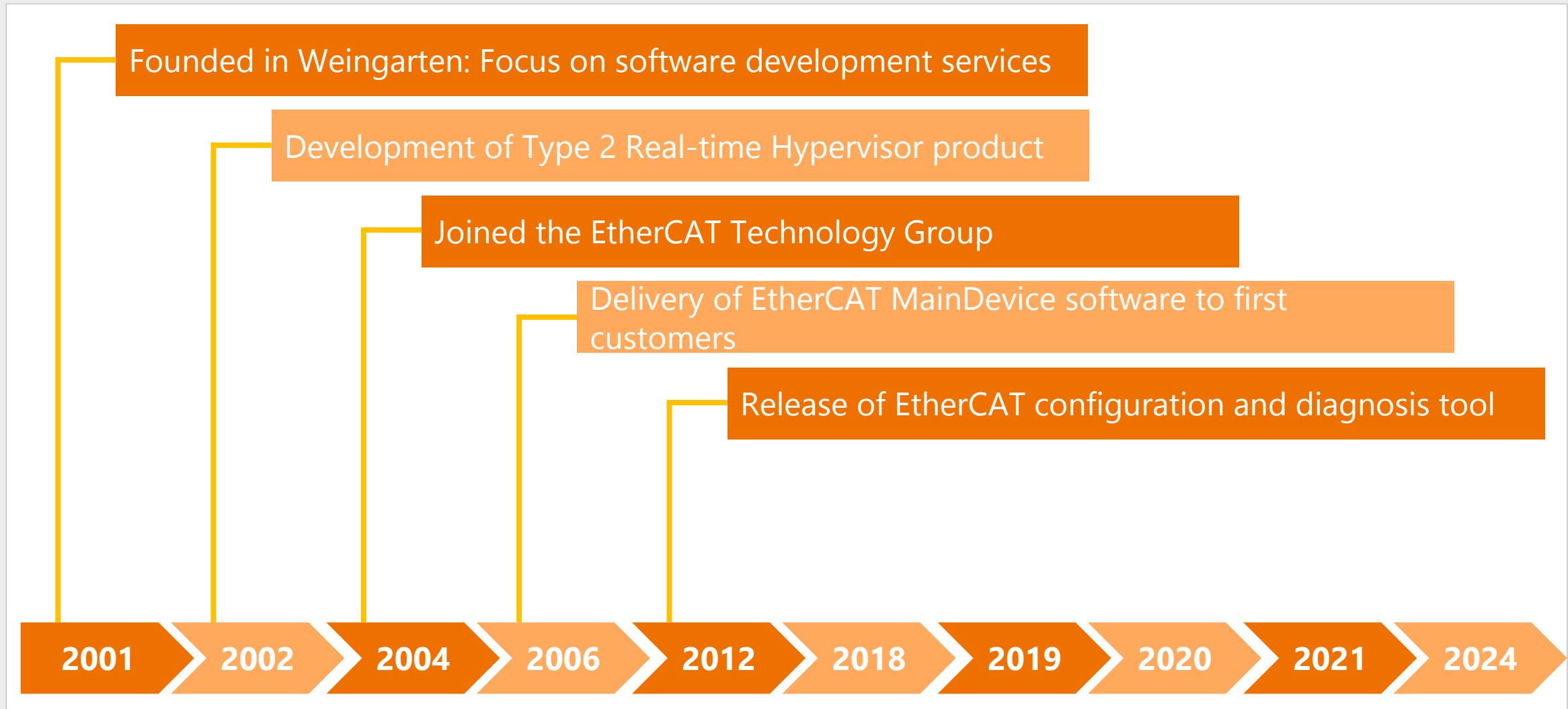
acontis technologies GmbH

Software products for industrial applications

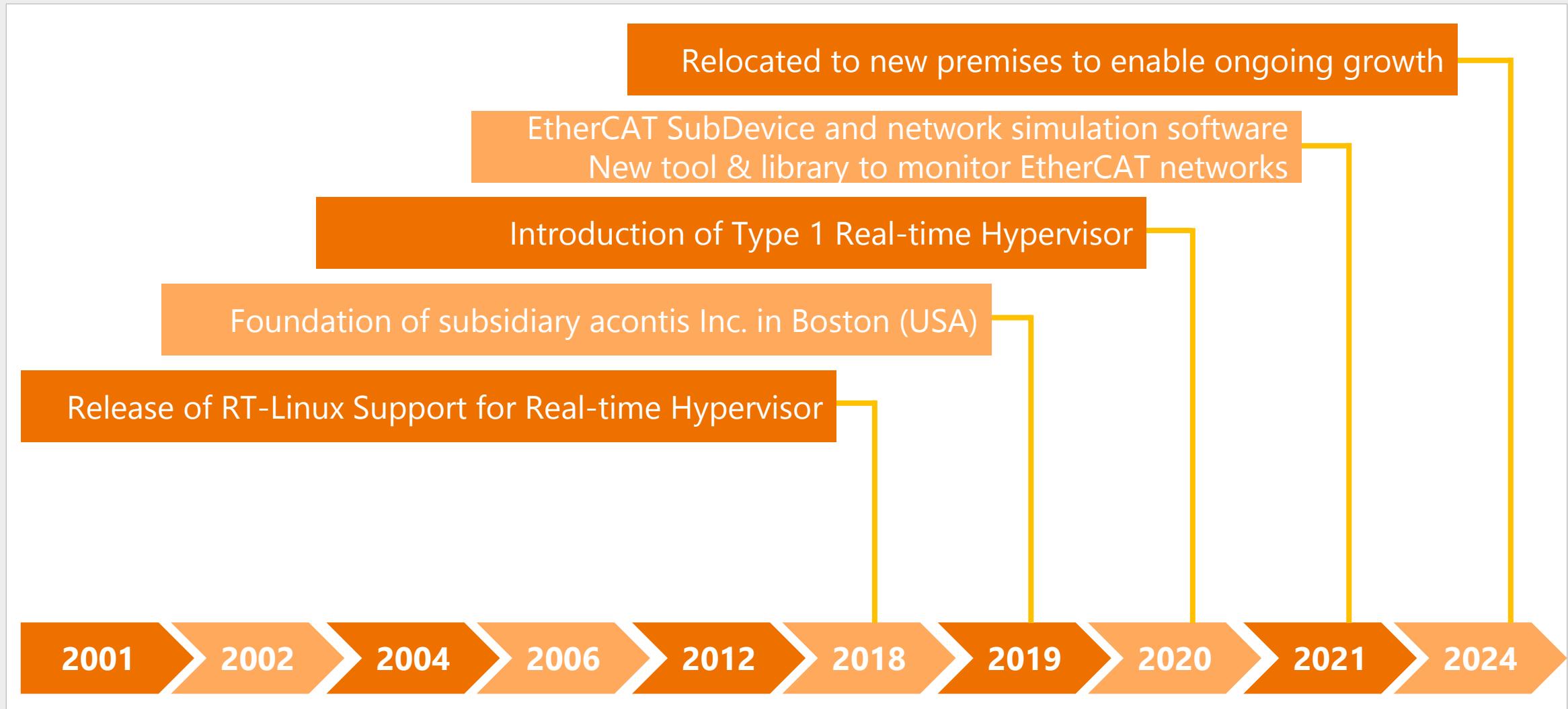
- Founded in 2001 by Christoph Widmann and Stefan Zintgraf
- Company located in Weingarten, Southern Germany
- 27 employees, ~8 Mio EUR turnover in 2023, 250+ customers in 33+ countries



History



History



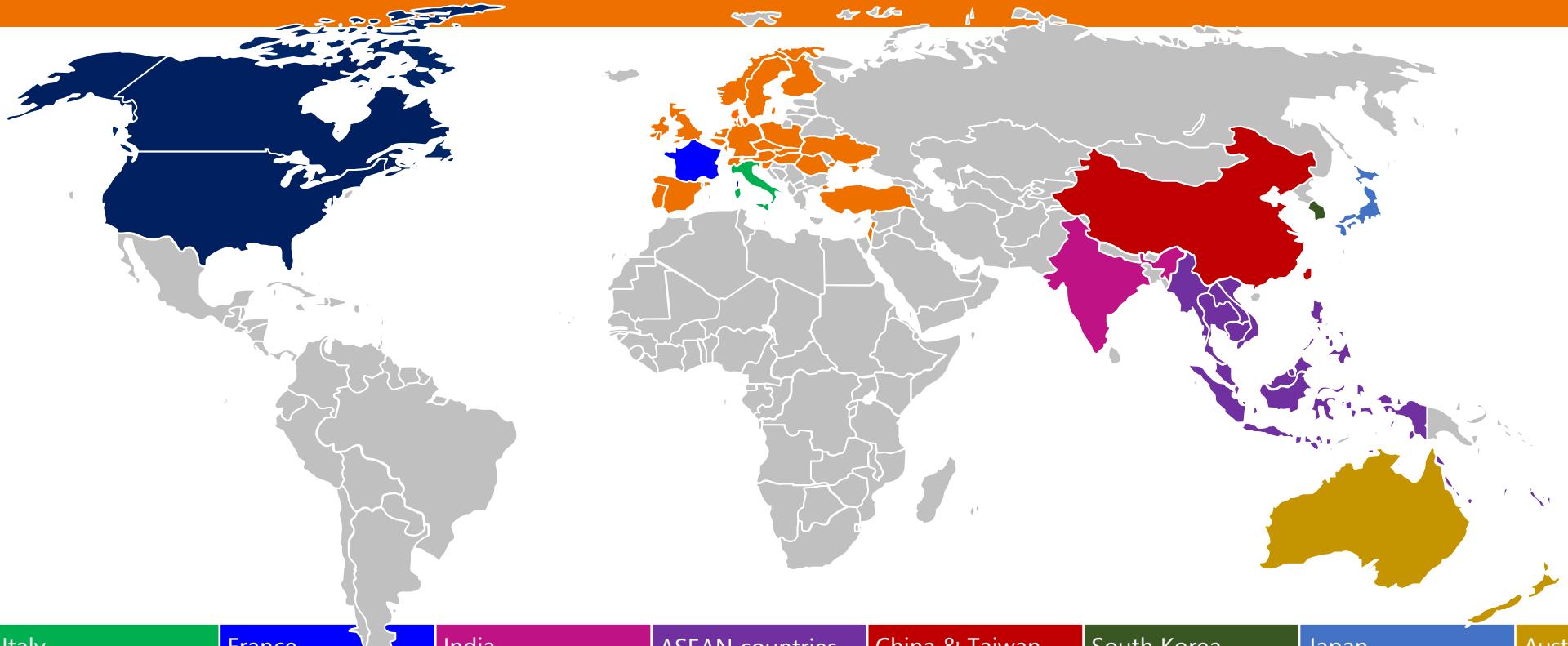
acontis: EtherCAT & real-time Hypervisors



World-Wide Representation

acontis technologies GmbH

Europe and ROW



Northern America
acontis Inc.
established 2019

Italy
Tecnologix
since 2019

France
I.S.I.T
since 2020

India
**Embedded
Systems Solutions**
since 2024

ASEAN countries
**Gopalam
Embedded Systems**
since 2024

China & Taiwan
Beijing Motrotech
since 2014

South Korea
Presto Solution
since 2008

Japan
Macnica, Jepico
since 2008

Australia &
New Zealand
CAN+Automation
since 2022

acontis: *Reliable, Competent, Innovative & Fair*

- **Stable supplier:**
 - More than 20 years of experience
 - Reliable partner with a long-term business focus
 - Long-term employees form our group of experts
- **Best support:**
 - Comprehensive support through our local partner network and our team of experts.
- **EtherCAT know-how:**
 - Specializing in EtherCAT for 20+ years as a core member of the ETG
 - In-depth knowledge in all areas of the technology
- **Best references:**
 - Numerous well-known companies are proud users of acontis products
- **Focus on EtherCAT and Real-time Hypervisor:**
 - The most complete range of EtherCAT software on the market
...accompanied by innovative real-time hypervisors



Our products:

Reliable, High-Performance, Best Quality, Ease of Use

- **Best technology to meet your requirements:**
 - Modular and full-featured products for your specific requirements
 - Customer feedback since 2005 confirms highest performance and best reliability
- **Our focus is quality**
 - Daily software tests including 1.200 automatic tests with >250.000 LoC
 - Active participation on each ETG Plug Fest proves unique interoperability
 - Many key players with highest requirements decided for acontis
- **Best features - also in the future:**
 - Constantly investing in the further development of our products
 - Pushing EtherCAT standards according to our customer's needs
 - Updates rolled out to our customers each quarter
- **Save time and costs with acontis!**
 - We are a fair partner and offer market-leading solutions at competitive price
 - Using our products you save time and money over the whole product lifetime!
 - Shorten your time-to-market with our ease-of-use, in-depth training and fast and competent support!



Customer Quotes



Jean-Charles Emery
Product Application Leader at Pro-Face

“acontis provided outstanding consulting and guidance in the beginning to be able to select the best solution and also served us with best-in class support during the project. For us, it was good to have the same contact persons during the whole project: Everything from one hand that also understood our needs. The direct contact to the acontis experts helped to get immediately answers that were on point and easy to understand.”



Vin Taylor
referring to SOEM's handling of the CAN Application Protocol over EtherCAT mailbox protocol

“

One of the major issues we were having with SOEM was that the CoE support was minimal. It provided an interface, but you still had to implement the library. You had to implement all the code behind the interface yourself, which was a major hurdle for us, so even having to not build that was a payoff to go to acontis.”

“

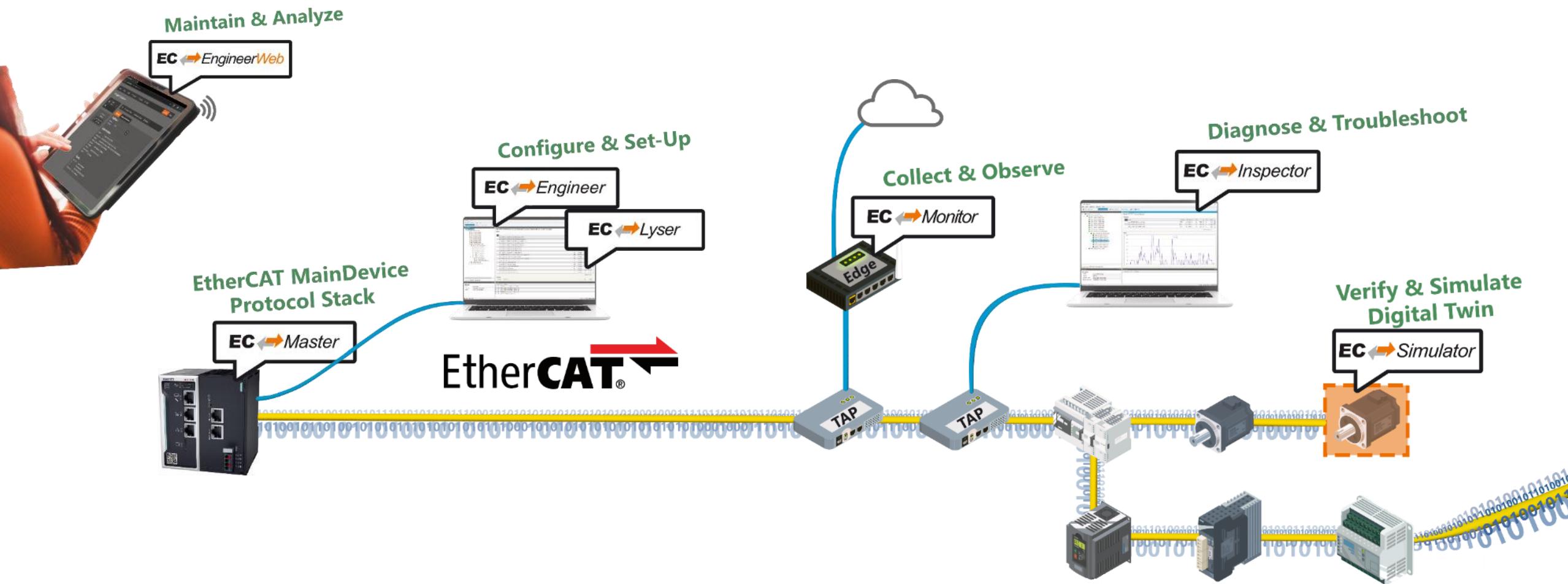
Public documentation, price, and responsiveness of your team were the three big standouts for acontis.”

Vin Taylor

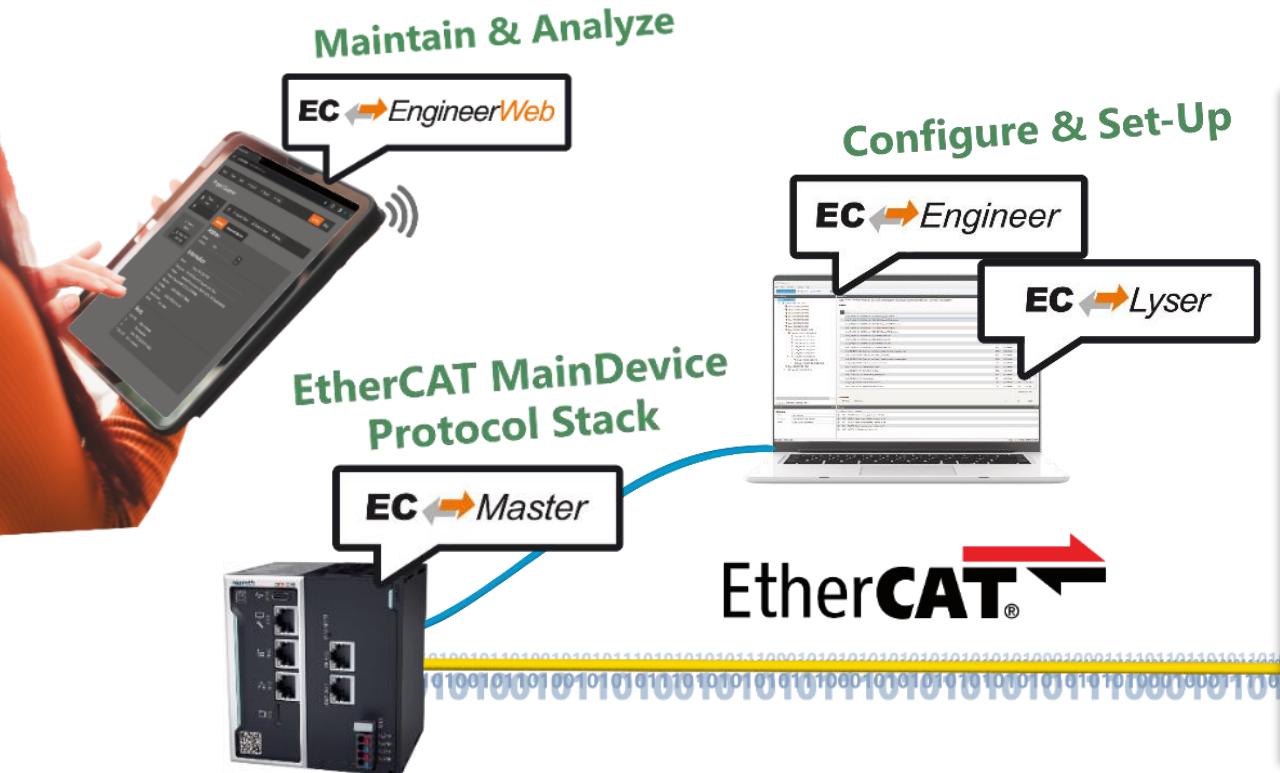


The acontis Portfolio

Complete EtherCAT Software Portfolio



EtherCAT Software for Controller



EC-Master: EtherCAT MainDevice Stack

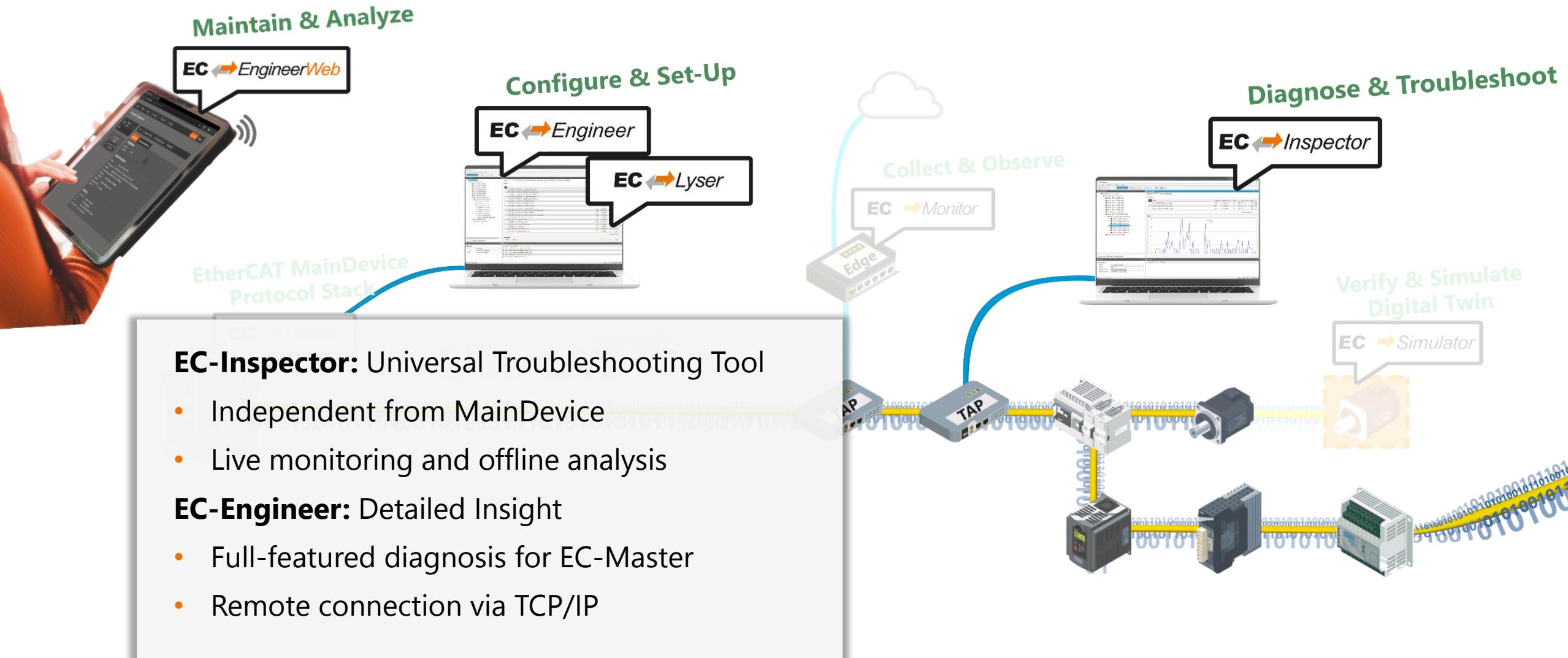
- Fast, full-featured
- Fully compliant
- Extensive platform support

EC-Engineer: Configuration Tool

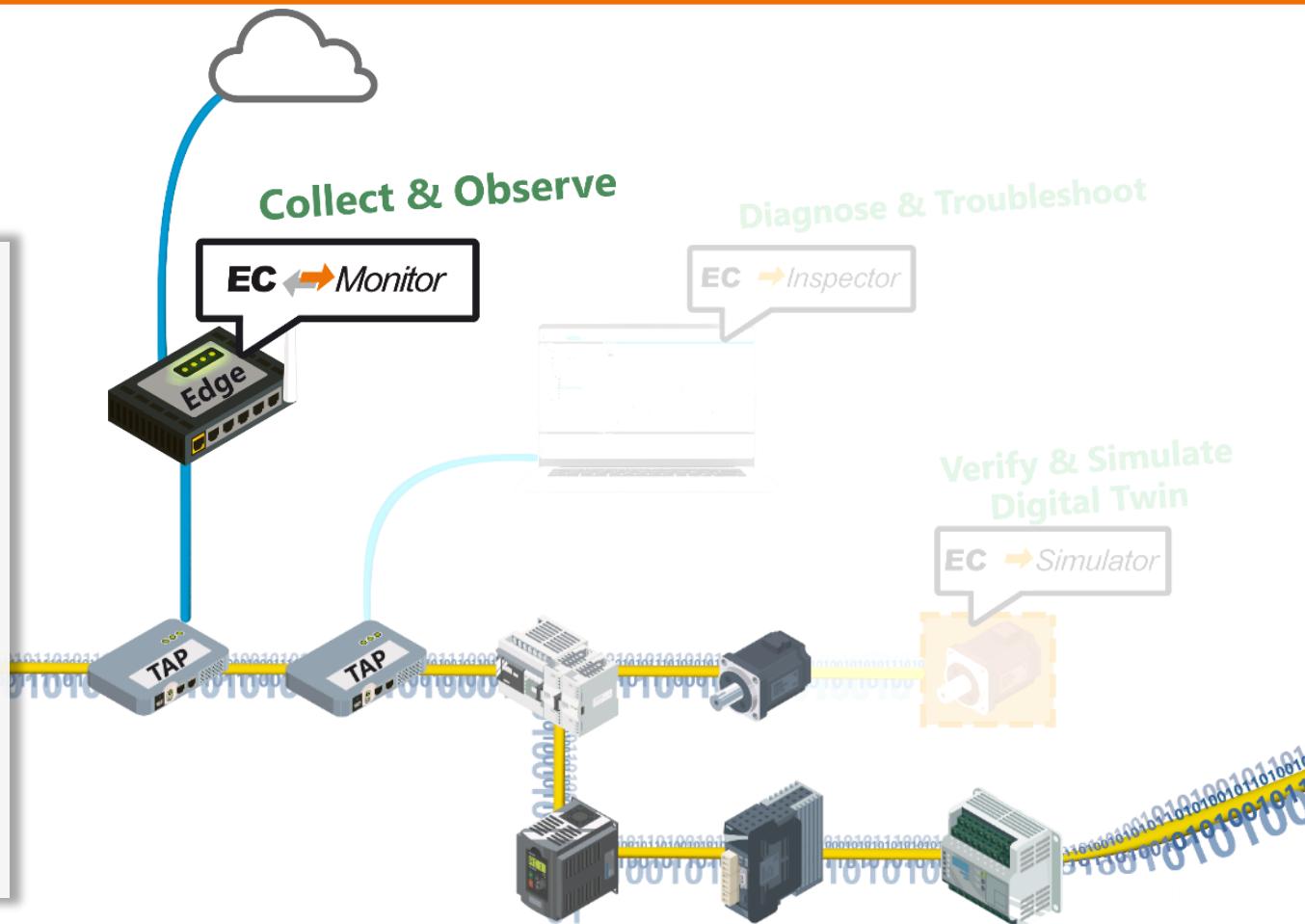
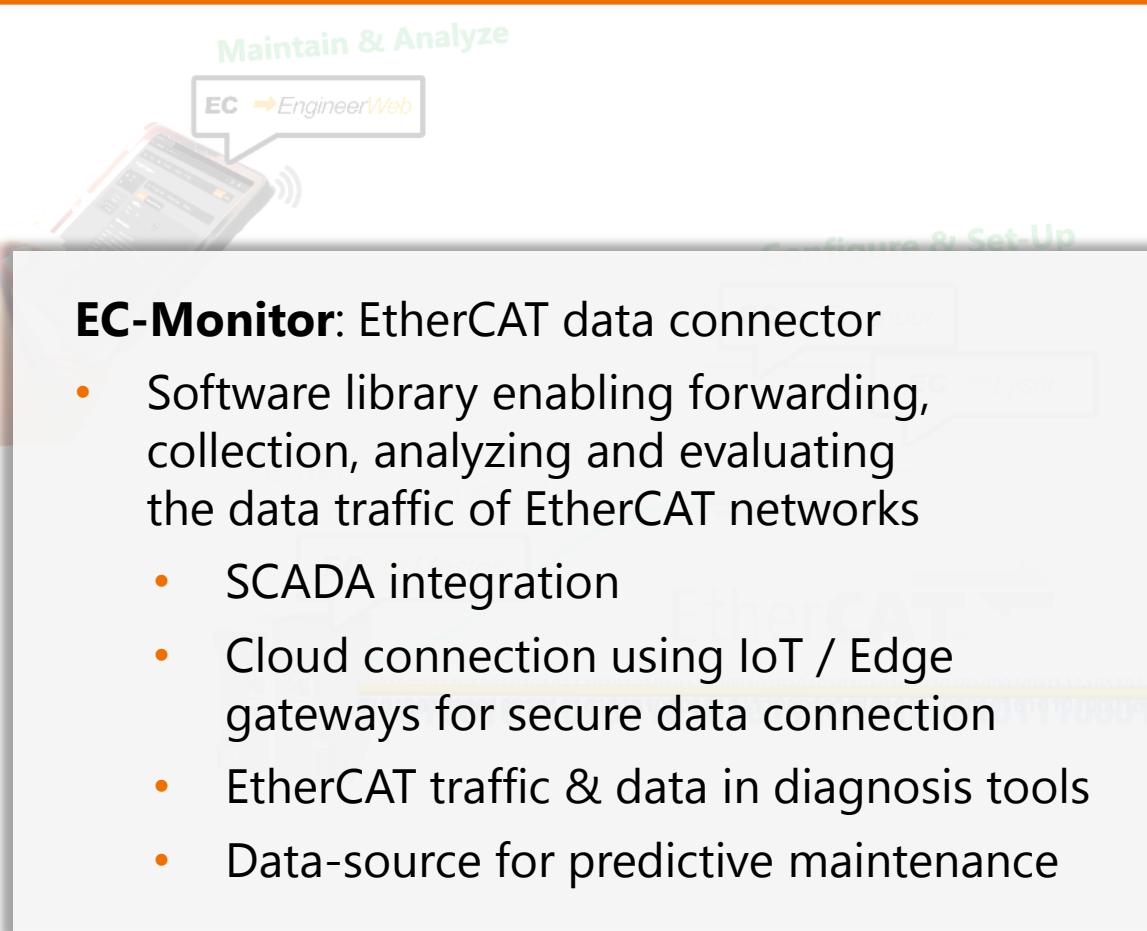
- Easy to use
- Windows, Linux, Web-based solutions



EtherCAT Diagnosis Tools



EtherCAT Monitoring Software



EtherCAT Network Simulation Software

Maintain & Analyze

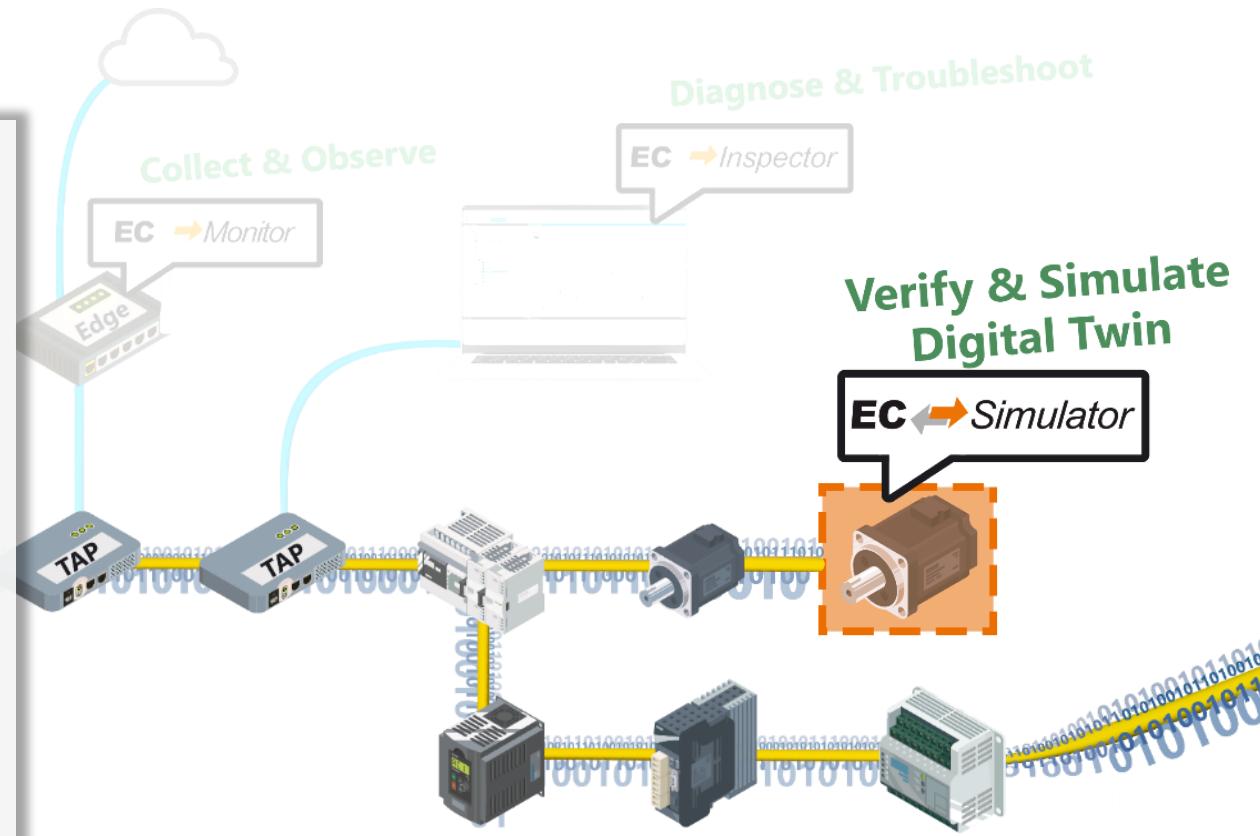
EC → EngineerWeb



Set-Up & Configuration

EC-Simulator: HiL & SiL Residual Bus Simulation

- Powerful simulation software enabling simulation of single devices or complete EtherCAT networks, enabling
 - Profit from digital twins
 - Virtual commissioning
 - System and device tests
 - Software development without hardware
 - Verification of MainDevice implementation



Real-Time Hypervisor Software

Multiple OS – Windows, RTOS for IPCs

RTOSVisor: Type-1 Hypervisor

VxWin: VxWorks combined with Windows

LxWin: RT-Linux combined with Windows

- Guaranteed hard real-time performance
- Multiple use-cases covered by a single IPC
- Save cost and complexity
- Web-based graphical configuration tool

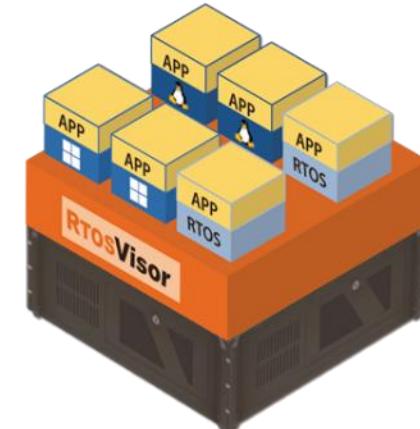
Real-Time Control



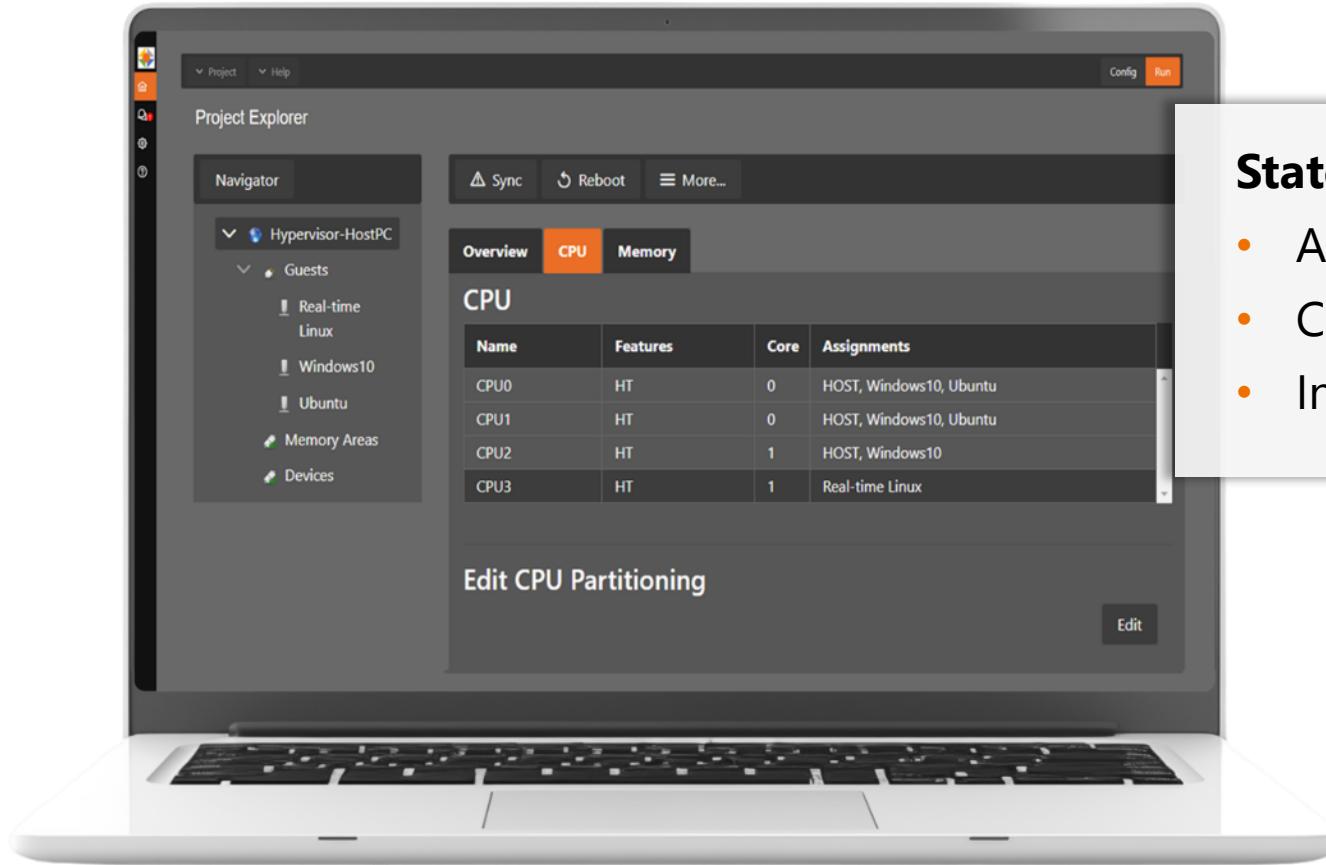
SuperVision & GUI



AI & Machine Learning



Web-Based Hypervisor Configuration



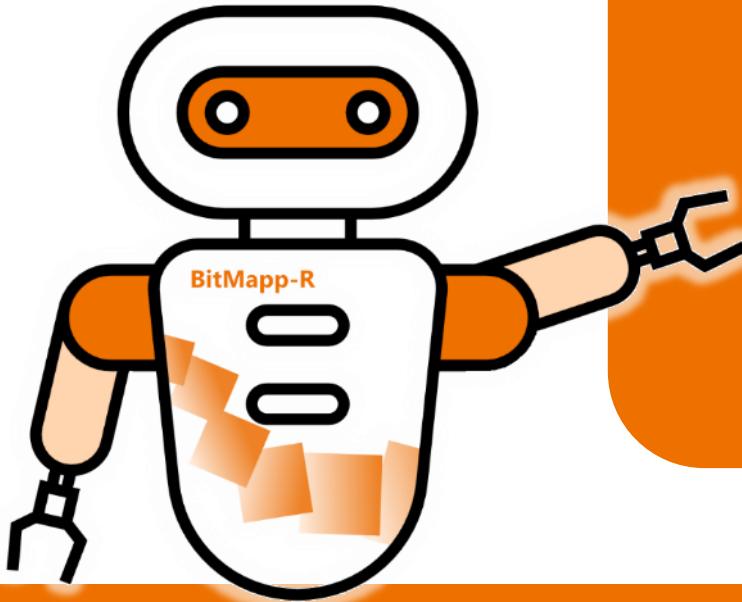
State-of-the-art web-based configurator

- Add guests
- Configure and control resources
- Independently reboot / start / stop guests



Hundreds of customers world-wide
already experienced the
smooth
implementation and operation of
acontis software!

The **Experts** for EtherCAT
and Real-Time Hypervisor Software



Learn more about EtherCAT on the acontis webpages:

<https://www.acontis.com/en/what-is-ethercat-communication-protocol.html>

<https://developer.acontis.com/ethercat-support>

**The Experts for EtherCAT
and Real-Time Hypervisor Software**