



Coriva

The next level of locating solutions



Still searching?

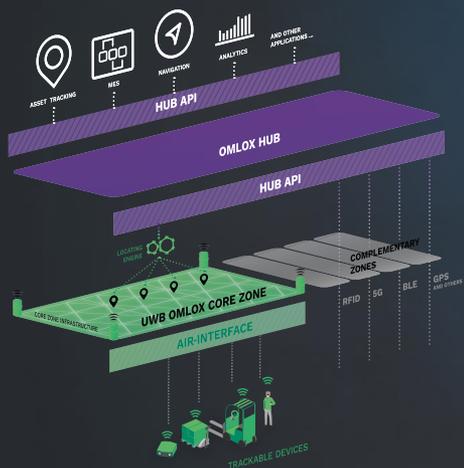
How much time does your team waste searching for orders and items? How much frustration is caused by missing parts? On average, we spend more than a year of our life looking for things. You can change this in your company:

Choosing the right real-time locating application

A Real-Time Locating System (RTLS) paves the way for the smart factory of the future. But which system covers all your use cases – including those of tomorrow and beyond? Which system allows you to remain independent of offerings from individual suppliers? Which system is robust and precise at the same time? The answer to all these questions are locating systems with omlox. omlox is the world's first open locating standard – and the basis for Coriva, the universal and flexible RTLS localization solution from TRUMPF.

Open to connect: Take your localization to the next level

“Can I have your Wi-Fi password?” CorivaEngine localization software harmonizes all devices as universally as the wireless WLAN network connects to the web: the open omlox air-interface standardizes the localization and real-time data communication in the omlox core zone using UWB-compatible satellites (fixed reference anchors) and tags (trackable mobile devices). This is based on the established and proven IEEE802.15.4 and IEEE802.15.4z radio standards. Thus, you remain vendor-independent and easily integrate and track other devices compatible with the omlox air-interface.



How the Coriva locating system works

Within the omlox core zone, Coriva is the solution component for modern RTLS installations from TRUMPF.

Fixed CorivaSatellites communicate with all tags compatible with the omlox air-interface.

The satellites are time-synchronized.

The powerful and flexible CorivaEngine localization software calculates the position of mobile objects that each of your applications can access.



Coriva – the next level of locating solutions



omlox is the world's first open locating standard

What this means for you: Cost-effective and vendor-independent, integrate any tag or application compatible with the omlox air-interface into your localization solution.



Stay future-proof with TRUMPF Tracking Technologies



Do you manufacture your own RTLS solutions?

- Are you developing your own hardware or would you like to add localization with UWB? We supply the printed circuit board and the matching CorivaEngine localization software.

Do you use an RTLS system?

- You locate precisely in real-time with powerful UWB technology, even in demanding environments.
- You remain vendor-independent thanks to the omlox RTLS standard.
- You can scale your Coriva solution to suit your needs.
- You can universally integrate all omlox air-interface-compatible RTLS devices such as mobile devices/tags, badges and AGVs.



Well advised: Expertise with a vision

We support integrators and infrastructure providers in expanding their offering with flexible, omlox-based real-time locating solutions: from the idea to the development of individual solutions up to sales and user training.

“By using the omlox-compatible and therefore fully flexible RTLS solution, our logistics processes are transparent, and search times are reduced by approx. 17%. TRUMPF is a pioneer and preferred provider of omlox infrastructure for us and supports us as a strong ecosystem partner and expert in the field of indoor localization.”

Andreas Lange, Manager Logistics Outbound Speyer,
MANN+HUMMEL GmbH



omlox
ready ✓ air8

Say good-bye to expensive search times and missing interfaces: When do you have time for an initial consultation? www.trumpf.com/s/contact-rtls





Coriva by TRUMPF uses ultra-wideband (UWB) for particularly reliable and robust localization in real-time:
www.trumpf.com/s/uwb





Powerful

Benefit from reliable and accurate real-time localization even in challenging spatial conditions thanks to powerful UWB technology. The state-of-the-art locating engine is based on the latest algorithms.

Future-proof

Your investment is future-proof thanks to the non-proprietary, multi-vendor omlox RTLS standard.

Universal

Integrate all omlox air-interface-compatible RTLS devices such as tags, badges and AGVs, regardless of manufacturer.

Flexible

CorivaEngine is designed as a scalable system that adapts to your needs and flexibly grows with you – both in the tracking-enabled area and in use cases.

TRUMPF is certified according to ISO 9001
(Find out more: www.trumpf.com/s/quality)

202310 – Content subject to change without notice



TRUMPF Tracking Technologies
www.trumpf.com