AUTOMATION, EDGE COMPUTING AND ARTIFICIAL INTELLIGENCE

for drones and ground robots

CLOUD PLATFORM
LORENZ HIVE SOFTWARE

VIDEO/DATA STREAM

VIDEO/DATA STREAM

VIDEO/DATA STREAM

VIDEO/DATA STREAM

LARGER REMOTE AREAS

HEADQUARTERS

HEADQUARTER EMPLOYEES
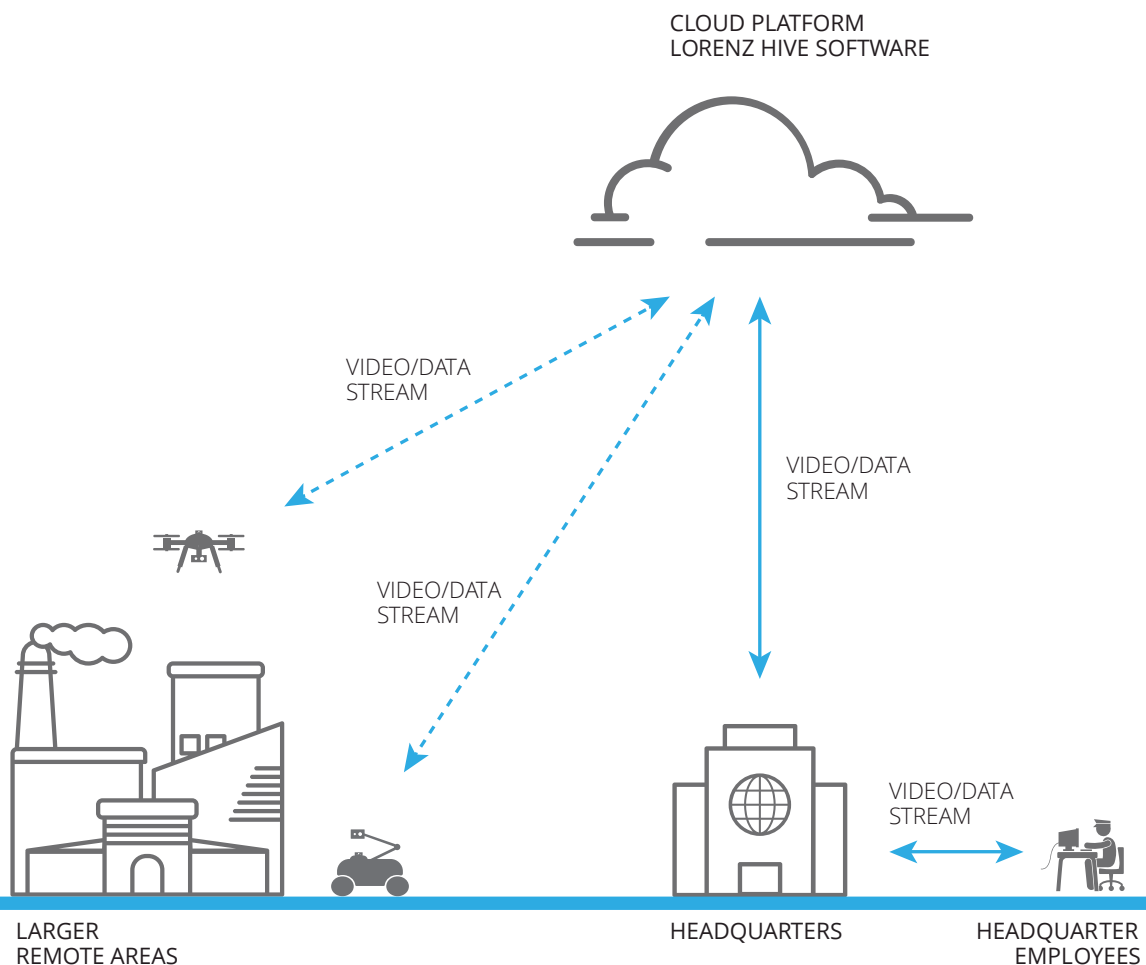
Lorenz technology

Lorenz Technology

Manage a global drone and ground robot fleet in multiple locations

Lorenz Technology provides a platform for intelligent management of UAVs and UGVs.

With the Lorenz AI-Link® mounted on a drone or ground robot of your choice, the control of your vehicle and its data collection can be automated using the web interface of the Lorenz Hive.

The Lorenz Technology software lets you plan missions, routes and objectives for your UAVs and UGVs as well as intelligently analyze your data collection through automation processes, edge computing and artificial intelligence (AI).

Welcome to the future of UAV and UGV technology!

ONE LORENZ HIVE

MULTIPLE UAVs & UGVs
IN SEVERAL LOCATIONS

Automation of workflows

Lorenz Technology lets you manage multiple drones and ground robots in several locations, all in one interface.

Your data processing and manual workflows can be automated intelligently. The Lorenz platform provides a secure and smart way of data sharing, storing and archiving the video data collected from UAVs and UGVs.
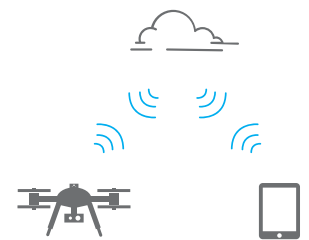

CREATE A DRONE TASK
FROM ANY DEVICE

ONE DRONE CAN OPERATE
IN SEVERAL LOCATIONS

COMPLETE TASKS WITH THE
PRESS OF A BUTTON

INSTANT DATA UPLOAD
TO THE CLOUD

Lorenz AI-Link®

Lorenz AI-Link® acts as a brain for UAVs and UGVs. By connecting it to our control system, the Lorenz Hive, you are able to plan autonomous routes and real-time stream the video directly from your drone or robot to the web interface of the Lorenz Hive across both longer and shorter distances.

LORENZ AI-LINK®
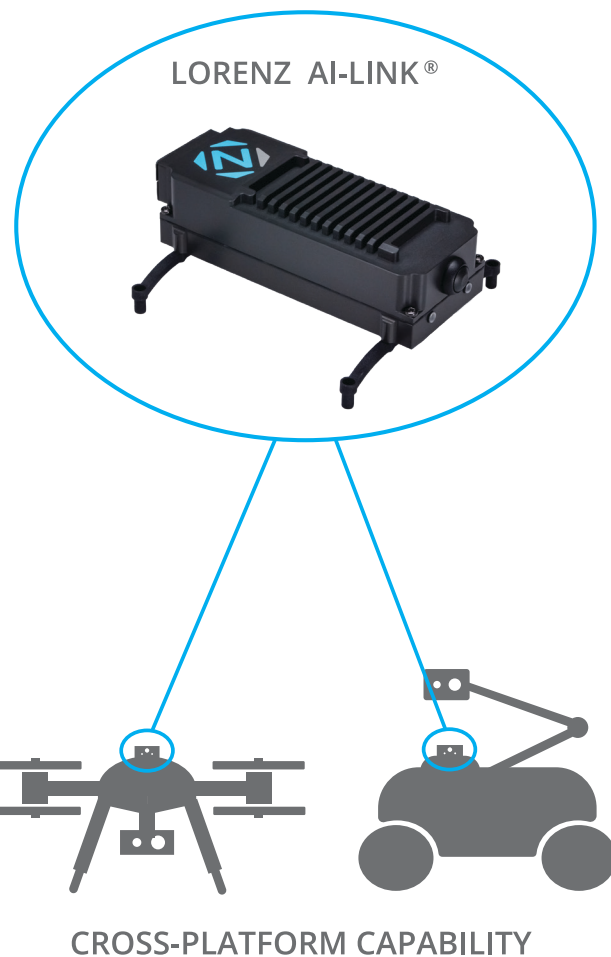
Edge Computing
The onboard data processing enables analytics and automated detection based on AI.

4G Connectivity
The 4G connection shares data with Lorenz Hive to complete autonomous routes and real-time video streaming.

Weatherproof
The Lorenz AI-Link® is suited for harsh weather conditions graded IP54.

Sensor Integration
Input from sensors are possible. E.g. IR, Optic, Thermal, Gas, etc.

CROSS-PLATFORM CAPABILITY

Lorenz Hive

Lorenz Hive is a simple all-in-one software solution with a web-based interface, offering multiple advanced features and applications.

Lorenz Hive allows you to plan routes, manage perimeters, receive, watch and share real-time videos. Record data and archive them for intelligent processing. Stream optic and thermal videos in real-time with sub-second latency. Operate in multiple locations with several drones and robots.

Manage multiple devices in one interface, using the Lorenz Hive!

Real-Time Streaming
The video from Lorenz AI-Link® is streamed directly to Lorenz Hive with sub-second latency.

Cloud Platform
Lorenz Hive is a cloud-based service, allowing access to collected data from any location.

Data Collection
All types of data are collected, stored and easily accessible in the cloud of Lorenz Hive.

Report Generation
All videos can be analyzed and incidents easily subtracted in a separate report for download.

Data Sharing
System integration with other data systems is possible.

Tablet Control
The drone is controlled in the Lorenz Hive web interface using a tablet.

Geofencing
Restricts the drone to stay within a defined perimeter, making inspections much easier.

Logbook
Operator, date, location and data are automatically generated in a logbook for each flight.

GET IN TOUCH
and we will provide
the best solution
for your needs

📍   Sivlandvænget 3, 1st floor, 5260 Odense S, Denmark

📞   (+45) 66 80 60 56

✉️   sales@lorenztechnology.com

Check out our website
for more information
and **follow** us on social media

🌐   www.lorenztechnology.com

in   /company/lorenztechnology.com

Challenging the way we use technology

Lorenz
technology