

DATA COLLECTION CLOUD (DCC)



COMPLETING THE REMOTE MAINTENANCE CIRCLE

What do the world's machine-builders want from the next generation remote maintenance solution?

We've been listening to thousands of them, and we've spotted a pattern. In their collective vision we see an opportunity to provide a solution offering true value for all levels of the automation industry.

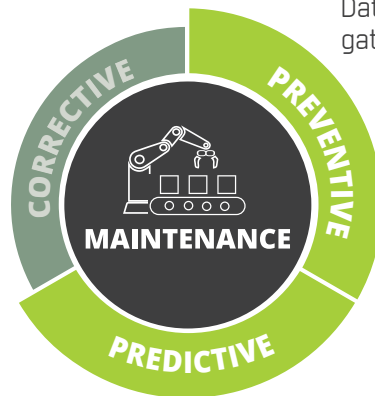
- Addresses all data-collection needs – even those I don't yet know about
- Combines data collection and remote access in a single device
- Combines real-time and OEE data visualization
- Easy to setup and administer
- Transparent price model
- Green profile
- Future-proof
- Truly secure

- ✓ In a single, easy, secure and scalable solution – the Data Collection Cloud (DCC).



Corrective Maintenance

For many years, the Secomea solution has been acknowledged as a leading technology for Secure Remote Access for Corrective Maintenance. The DCC solution now expands and completes this cycle for Preventive and Predictive maintenance.



Preventive Maintenance

DCC lets you organize information within real-time, condition monitoring dashboards. Data is collected via the SiteManager IoT gateways, which operate simultaneously as tunnelling peers for decentralized SCADA systems. The system gives you fully automated process control.



Predictive Maintenance

DCC lets you focus on your OEE, by managing and visualizing production batch data in customizable dashboards or via APIs. The Secomea SiteManager IoT gateways even let you submit the same data concurrently to other cloud systems for further analysis.

Easy Data Visualization!

DCC makes it easy to monitor and compare data collected from all devices. It also lets you build analytical dashboards for viewing on your PC or smartphone.

No programming or scripting needed for DCC dashboards. You can build them just by focusing on what you want to show.

For OEE monitoring, the DCC is also uniquely able to combine real-time elements with production-batch info.



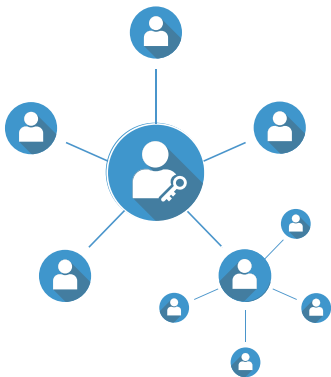
Intelligent Data Selection - also an Environmental choice

Data collection shouldn't mean sending all data to the cloud unconditionally. To reduce transfer rates, avoid handling irrelevant material and minimize cloud storage, collected data should be processed at the Edge point.

The SiteManager data-collection module gives you 'smart data aggregation'. To cut data volumes it selects relevant data based on computed production events. It only processes the data that's actually needed, which reduces the environmental impact of excessive cloud-server computing.



The impact of cloud storage is a growing concern to environmentally focused global companies.



Flexible Role Management

The DCC follows the same flexible role structure used for the Secomea Corrective Maintenance solution's GateManager. It lets you create administrator and user roles to support your preferred process flow, while maintaining secure control over access to configuration and data.

Transparent Pricing

No need to worry about the volume of API calls made, samples transmitted, data retrieved, data stored etc. With DCC you pay a flat monthly fee for each SiteManager that sends data to the cloud.

DCC gives you fixed, easy and fully transparent pricing.



SiteManager IoT Gateways

Single-step USB configuration and auto-detection of Ethernet and USB devices makes setup a breeze. With a wide choice of usability features and Internet connection methods, SiteManager gives you seamless connection to any remote device.