

Data Collection CLOUD (SDCC)



- **Easy configuration**
Data aggregation rules are managed centralized and automatically kept in sync.
- **Easy security**
x.509 access certificates managed and distributed centrally by GateManager as security broker
- **Easy privatization**
Cloud platform independent and designed for installing on private VPS/server
- **Easy price model**
Transparent and clear pricing model, with focus on your accounting and logistics

Cloud data collection with easy config- and security provisioning

In 2018 Secomea will introduce an IoT data collection server solution addressing some current limitations of major IoT Cloud solutions with regards to provisioning, security and adaptability.

The Secomea Cloud solution is designed for tight integration with the SiteManager, the Data Collection Module (SDCM), and the GateManager.

The new **Secomea Data Collection Protocol (SDCP)** used between the SDCM and the **Secomea Data Collection Cloud (SDCC)**, not only encrypts and compacts the data; it also ensures that SDCM configuration files are exchanged and kept in sync. In fact, the SDCM configuration can be edited directly on the SDCC in a user-friendly GUI.

The Secomea GateManager plays an important role in initial semi-automated provisioning of configuration files and security certificates via its built-in bulk provisioning system.

In 2018, the SDCM and GateManager will be extended with fully automated security certificate provisioning and maintenance, eliminating any copy-paste operations of certificates while also eliminating the security issues of manual handling of security certificates.

The SDCM features a raw-data dashboard for presenting the samples data. Via a JSON API you can build your own custom dashboard for correlating the data and presenting the data as desired in e.g. a web browser.



SDCM vs other solutions

- Data aggregation rules are automatically kept in sync. (validation that data received are generated by the expected SDCM configuration)
- SDCM domain structure is inherited from GateManager Domain structure
- Security certificate provisioning is done by GateManager as third party broker, both for first time cert signing and distribution and for continuous synchronization and cert management (expiry, renewals, revoking)
- SDCM is platform agnostic. It can run on any VPS, and even on a server in an own data center (which may be required in some regions)
- Transparent pricing model and full visibility for both supplier, distributor and end-customer through the built-in accounting module.