

Software library (SDK) for app integration App control of GANTNER wireless locks



Vision and background

- Organizations do not want an additional, separate app for communicating with GANTNER locks.
- Battery-powered locks equipped with wireless communication cannot be managed via GAT Relaxx.
- The integration of wireless communication should be simple – the complexity is encapsulated in a library.
- Detailed documentation, code examples, and a demo app make it easier for customers to integrate the app into existing apps.

Supported battery locks

- GAT ECO.Lock 7100 NW
- GAT ECO.Side Lock 7010 NW F/ISO
- GL7p.25xx / GL7p.35xx

Contents of the SDK

- SDK for Android (SDK for iOS is currently under development, release in October 2019)
- Demo app
- Step-by-step guide with code examples

How it works

App developers who want to integrate communication with GANTNER wireless locks into their customer's app (or as a standalone app) will receive a complete SDK for Android including step-by-step instructions, code examples, and a demo app from GANTNER. Communication with GANTNER wireless locks is completed using the authentication key (site key), which is unique for each system.

The SDK provides app developers with the following methods for integration into the corresponding interface:

- Transfer of the authentication keys or site keys
- Search (Discover) and list all GANTNER wireless locks
- Connection to a GANTNER wireless lock
- Lock/unlock command

Any additional business logic, such as rights control or the connection to GAT ECO.Lock Manager via REST-API, can be extended by the App developer.

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Demo App

The demo app is supplied with the SDK and can be used for demonstration purposes or as a development template. Attention: This app can only be used for systems with site keys or system numbers 99999999.

Example screenshots:

