Gantner

GAT DIRECT.Connect
System Integration for GANTNER Leisure Devices

Application

GAT DIRECT.Connect is an innovative solution for the integration of GANTNER products with third-party software, e.g., management software used in fitness studios. GANTNER devices and the GAT Writer integrate exclusively via GAT DIRECT.Connect.

Functional description

GANTNER devices communicate with third-party software via GAT DIRECT.Connect and an adapter, thereby simplifying the process of integrating GANTNER devices with third-party software. The intelligent communication management allows devices to be controlled via a cloud-based service as well as in the local environment.

Depending on the system, customised adapters can be developed (e.g., web service adapters) to suit different requirements. GANTNER provides a programming language independent adapter that uses the Java Script Object Notation (JSON) format.

**CUSTOM Adapter
or
JSON Adapter**

DC

GAT DIRECT.Connect

Highlights

- Allows multiple GANTNER devices to connect with third-party software via a single public IP address.
- Ideal for integrating with cloud-based services.
- The third-party software is independent of the operating system, e.g., Linux or Mac OS. GAT DIRECT.Connect runs on a Windows operating system.
- Selectable logging of system communication within GAT DIRECT. Connect in text files.

JSON-Adapter (included)

- Uses the logic-independent JSON data format.
- Integration of GANTNER devices with third-party software independent of the programming language.
- Only one JSON adapter required to communicate with all GANTNER devices.

Custom Adapter

- A custom GAT DIRECT.Connect adapter can be developed, e.g., XML or SOAP adapter.
- Total flexibility to create a custom interface to communicate with GANTNER devices - independent of programming language, data interchange format or networking infrastructure.
- Different adapters can be used in parallel with one DIRECT.Connect service.

Order information

Description	Part No.
GAT DIRECT.Connect Basic Licence	789238
Software for controlling GANTNER leisure terminals and readers via third-party software. Basic licence.	

NOTE! A list of compatible GANTNER products is available in the online interface description (requires a valid NDA).

Accessories

Description	Part No.
GAT MOBILE.Connect Server Licence 1-3	909333
Server licence for up to three simultaneous connections to the GAT DIRECT.Connect service	
GAT MOBILE.Connect Server Licence 4-10	909434
Server licence for up to ten simultaneous connections to the GAT DIRECT.Connect service	

Minimum system requirements

CPU:	IBM compatible PC, e.g., Intel Core i5, 3 GHz or comparable CPU, min. 1 GHz
Main memory (RAM):	approx. 1 GB (reserved for GAT DIRECT. Connect)
Disk space:	min. 600 MB free disk space up to 20 GB
Network:	NIC for TCP/IP Network (IPv4 only)
Software:	.NET Framework 4.5 (included in the GAT DIRCET.Connect package)

NOTE!

- Any additional licences required, e.g., for the operating system or for database requests, must be provided by the customer.
- Before ordering, please ensure that all devices (terminals) intended for use in a system are compatible.
- The hardware requirements vary depending on factors such as the number and type of GANTNER devices in a system, or the type of adapter used for communication.

Operating systems:
- Microsoft Windows 7® [1]
- Microsoft Windows 8® [2]
- Microsoft Windows 8.1® [2]
- Microsoft Windows 10® Pro, Enterprise [3]
- Microsoft Windows 2008 Server® [4]
- Microsoft Windows 2008 Server R2® [4]
- Microsoft Windows 2012 Server®
- Microsoft Windows 2016 Server® Standard, 64-bit
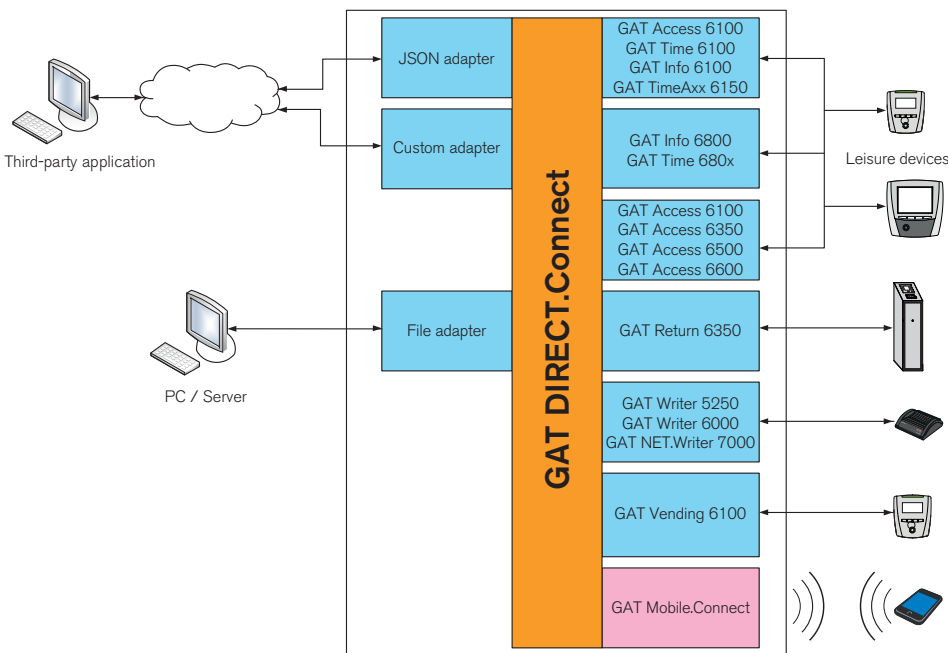
[1] Start edition not supported
[2] RT version not supported
[3] Editions not listed, such as Mobile, IoT, etc., are not supported
[4] Web edition not supported

- Small Business Server is not supported.
- Unless noted otherwise, 32 and 64-bit versions of the listed operating systems are supported.
- Always use the latest service packs.

Integration Example

NOTE!

If the DIRECT.Connect service stops operating, e.g., when the computer is shut down, the connected devices do not have an online connection and switch to out of service mode depending on the configuration.

Implementation Example

www.gantner.com