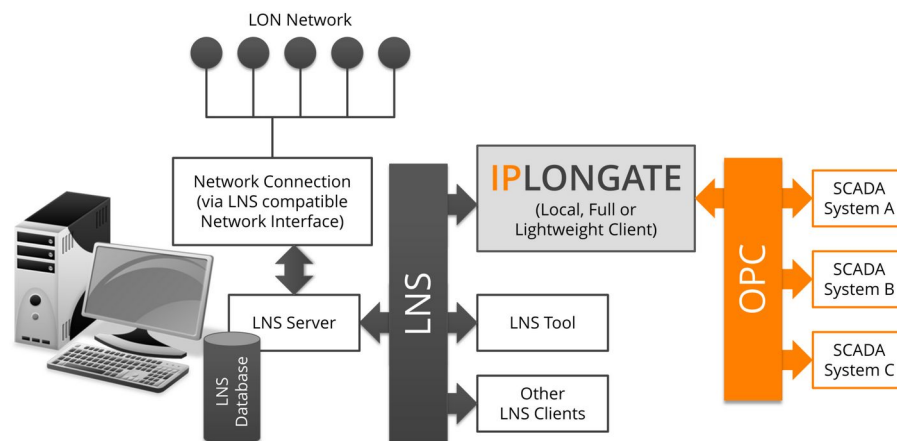


- Runs with LNS™ server from version 3.0
- Start as Windows service possible

1.2. Software Architecture

IPLONGATE is designed to be fully LNS compatible and communicates with the system components on the LON network via the LNS server. The LNS versions from 3.0 are currently supported.



For this IPLONGATE uses exclusively the interfaces of the LNS server.

As a sole LNS client, IPLONGATE offers a choice of three possible applications:

- as **local LNS client**, i.e. IPLONGATE is located on the same PC as the LNS data base.
- as **Lightweight client**, i.e. IPLONGATE is located on another PC and communicates via the Ethernet with the LON devices in the network via the LNS server.
- as **Full client**, i.e. IPLONGATE is also located on another PC and communicates via the LON connection on the one hand with the LNS server and on the other directly with the LON devices.

1.3. Start as Windows Service

IPLONGATE can be configured to run as a Windows service so that IPLONGATE is started before user login. An additional software product with costs is required (see up to date manual).

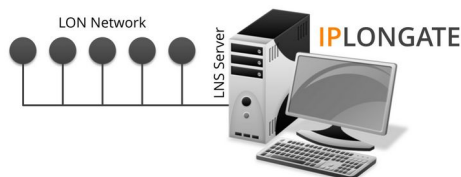
1.4. Example Applications

In the following illustrations the most varied use scenarios are briefly described, underlining IPLONGATE's enormous capability.

Thanks to the possibility of also using IPLONGATE as an LNS remote client there are a great many different use scenarios, all of which cannot be described here.

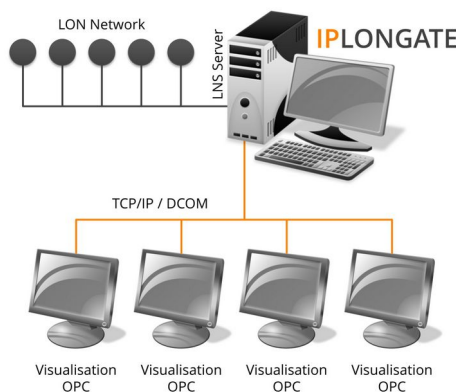
1.4.1 IPLONGATE in a single PC Configuration

The single PC configuration represents the most common use scenario. IPLONGATE, the LNS server and, therefore, the LNS database, together with the visualisation system, are located on the same PC.



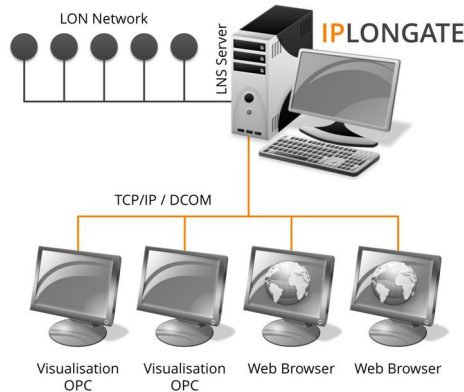
1.4.2 IPLONGATE in a Network Configuration

In this example IPLONGATE is located as a local LNS client on the same PC as the LNS database and several visualisation system PCs access the LON network via the Ethernet using OPC (DCOM).



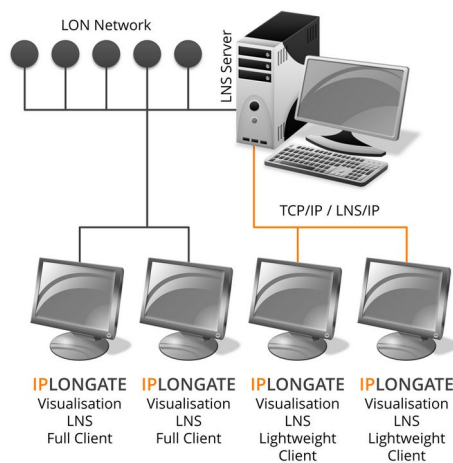
1.4.3 IPLONGATE as Web Server

In this example IPLONGATE is additionally used as web server.



1.4.4 IPLONGATE Remote in a Network Configuration

Here IPLONGATE is located as a Full client, or also as a Lightweight client, on the PCs, on which the visualisation systems are also located.



1.4.5 Licensing

Different versions are available dependent on the number of connected data points:

- **IPLONGATE Premium:** For medium to large networks. There is no limitation in the number of network variables or configuration properties.
- **IPLONGATE Professional:** For small to medium networks. The number of network variables or configuration properties is limited to 600.

- **IPLONGATE Standard:** Für small networks. The number of network variables or configuration properties is limited to 150.

To obtain a fully licensed version of IPLONGATE you need an IPLONGATE USB dongle.

1.4.6 Trial Version

A trial version is available for download at www.spega.com. The functionality of the trial version is the same as IPLONGATE Premium and there is no limitation of the number of network variables or configuration properties. Using the trial version IPLONGATE automatically shuts down after 8 hours.

2. Technical Data

Hardware

Processor	up to Intel® Pentium® III 500 MHz
Memory	min. 128 MB Ram
Hard disk	min. 50 MB disk space
Display	min. Super VGA (800 x 600)
Mouse	necessary

System software

Windows	NT4 (min. service pack 4) 2000 (min. service pack 1) XP 7
LNS-Server	min. Version 3.0

LonWorks

Interface	VNI/NSI-Interface, LON/IP
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3. Order information

Order number	Product
094 032	IPLONGATE open For maximum numbers of NV's *
094 042	IPLONGATE 150 Number of NV 'limited to 150 **
094 052	IPLONGATE 600 Number of NV 'limited to 600 **

* on request also available with Open LNS license

** as IPLONGATE Open, but limited to 150 or 600 LON network variables (via upgrade expandable)

4. Support

The information given in this manual was carefully compiled. Should you have any further questions regarding this product, please contact:

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