

# ZLP-Suite

## Managing your laser projectors easily

The ZLP-Suite is a user-friendly software package to control the laser projectors ZLP1 & ZLP2.

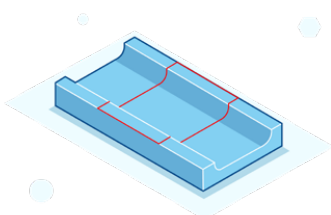
Its modular concept offers various ways to control the laser projectors:

- **ZLP-Service** manages a single laser projector or a network of multiple laser projectors. It can be executed on a separate PC or alternatively on an extended projector hardware.
- **ZLP-Manager** is the graphical user interface, designed to enable an easy and reliable way of operating a laser projector. All functions of the ZLP-Service can be accessed by the ZLP-Manager.
- The ZLP-Service can also be accessed by an application programming interface (**API**). This allows an integration of the laser projectors in your existing software environment.

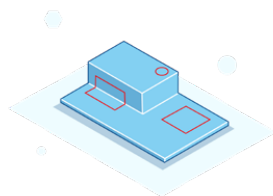


## Highlights

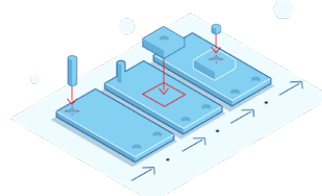
- Modular software concept
- Client-server architecture (TCP/IP)
- Compatible with ZLP1 & ZLP2
- Single and multi projection systems
- Interactive graphical user interface ZLP-Manager
- Application programming interface (C++, C#, Python, etc.)
- User administration



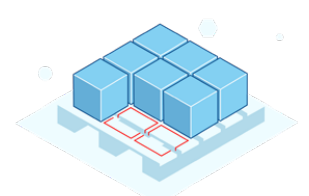
Positioning and Alignment of CRP-Layers



Optimized for 3D-Applications

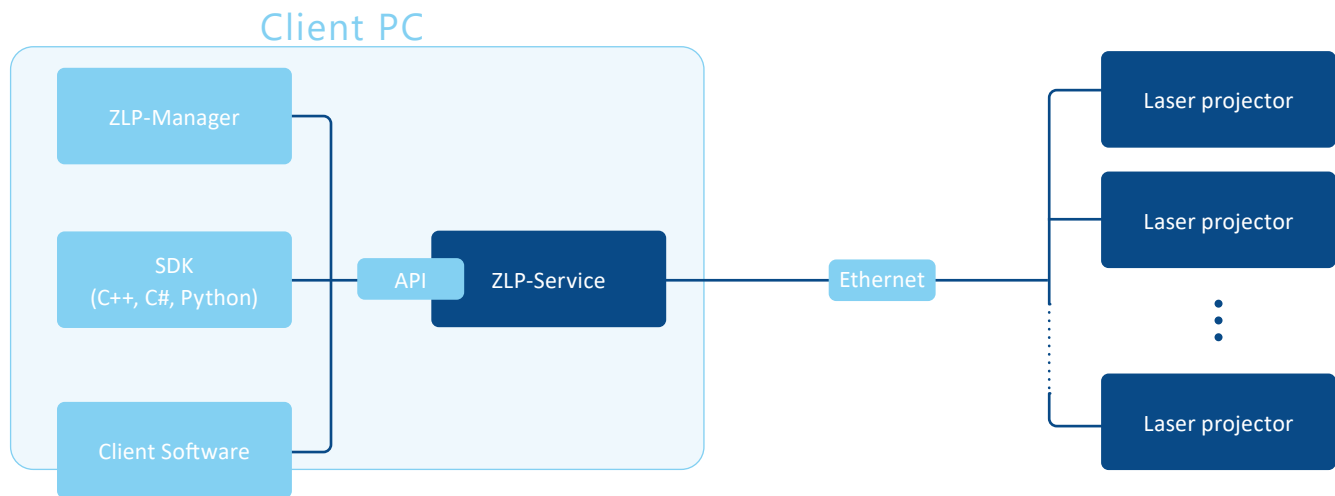


Worker Guidance



Logistics

## Modular software concept



## ZLP-Suite

- **Platform independency:** The software package is designed platform-independently and runs with Windows 10 and Linux (Debian 8, Raspbian 8)
- **Modular software architecture:** Laser projectors are managed by ZLP-Service. The service runs either on a separate PC or on an extended projector hardware. If a graphical user interface (GUI) is necessary, the ZLP-Service is controlled by the intuitive software ZLP-Manager. An extensive application programming interface (C++, C#, Python, etc.) can be used to integrate the laser projectors in an existing customer software environment.

## ZLP-Manager

- **User administration:** Different user groups (administrators, standard users etc.) are administered by an integrated user administration system.
- **System backup:** The system's configuration can be backed up and translated to other machines.
- **Data-IO:** Different data formats (plt, dxf, hpgl) can be imported and exported with this extensive module. It is easily extendable by other formats (plugin concept).
- **Teach module:** Contours, symbols and text are generated in the projection editor. These elements can then be projected or exported.
- **Selection Clipping:** Projections can be limited to certain areas by remote control.
- **Workflow editor:** Easily generated optical work instructions secure your production processes.