

Technical Specs for Server and Client

Clients

- Windows PC Client for [OnPrem](#) and [CLOUD](#) 10,11 2GB RAM (>4GB recommended), 64bit OS recommended.
The DEON Client comes as an .msi installer package and alternatively as .exe
 - Hardware independent.
 - Resolution and Aspect ratio independent from small mobile screens up to giant HiRes powerwalls.
 - Supports Mice, Trackpads, Multitouch-Screens and projections, Styluses with pressure sensitivity and MS Kinect V2 Gesture Control.
- [macOS](#)
- iOS Lite (iPhone, iPad) for sending content and participating in votings.
- iOS (iPad) for viewing and editing Projects is available on the App Store for [OnPrem](#) and [CLOUD](#).
- [Web Lite Client OnPrem](#) and [Web Lite Client CLOUD](#) (sending photos, images and Sticky Notes to Projects. No editing or viewing of Projects)
- Webclient for viewing and editing Projects for [OnPrem](#) and [CLOUD](#).

Server

Available options:

- [Cloudserver operated by DEON](#) (Hosted in Europe)
- On-Premises (DEON Server or DEON K8s hosted and operated by the customer)

Prerequisites for On-Premises DEON Server installations:

- Windows Server 2016 or higher. Can be VM.
- IIS 10 or higher
- .NET Framework 4.6.2 or higher
- MS-SQL recommended. Recommended minimum Size: 1GB
Note: If no MS-SQL Server is available, the DEON Server installer includes the option to install a PostgreSQL Server.
- A valid SSL-Certificate needs to be installed.
- Currently, only domain-Authentication is supported, so the server should be included in the domain before the DEON installation. OpenID authentication will be available in the future.

Recommended server resources:

Usercount (concurrent)	Logical CPU cores	RAM (GB)	Storage (GB)	Database (GB)
< 500 (80)	4+	8+	250+	local PostgreSQL oder MS-SQL (1+)
500 - 2000 (250)	8+	16+	1.000+	dedicated MS-SQL (3+)
2000 - 5000 (750)	16+	32+	5.000+	dedicated MS-SQL (10+)

Features:

- Easy-to-use Server Installer Wizard
- Active Directory Single Sign-On (OpenID authentication will be available soon)
- Web-Based Server Administration Interface
- Flexible client deployment: Integrated, SCCM, baramundi, etc.
- MS Sharepoint (both SharePoint Online and OnPrem), OneDrive and Google Docs support

Security

Please visit [DEON On-Prem security](#).

API

The DEON REST-API allows the interaction with external applications. GET and POST Web requests allow the retrieval and transfer of commands and data. Data is transferred by using JSON objects.

Web integration

All Web-based applications can be executed directly inside the zoomable DEON Workspace. The embedded Webrowsers supports HTML5 and WebGL.