

# Technical Specs for Server and Client

## Client: Currently supported Platforms

- PC Win 7,8,10 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.
- iOS Lite (iPhone, iPad) for sending content and participating in votings.
- iOS (iPad) for viewing and editing Projects is available on the [App Store](#).
- Web Lite Client (sending Sticky Notes to Projects and participating in votings. No editing or viewing of Projects)
- Webclient for viewing and editing Projects is currently in [Public BETA](#).
- macOS is currently in Public [Public BETA stage](#).

## Server

### **Available options:**

- Cloudserver operated by DEON (Hosted in Europe)
- On-Premises (Deon Server operated by the customer internally or in a dedicated Cloud)

### **Prerequisites for On-Premises 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 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.