Leica Cyclone ENTERPRISE
Technical Specifications

Valid as of August 2021

- when it has to be **right**

PART OF HEXAGON

Supported Data Types	Supervisor	Admin	Group Admin	Project Admin	Power User	User
Import LGS files	♦	♦	♦			
Direct publish from Cyclone CORE, Cyclone REGISTER 360 and Cyclone REGISTER 360 (BLK Edition)	♦	♦	♦			
Export LGS files	♦	♦	♦	♦		
Server Management Tools						
Manage storage locations	♦	♦				
Monitor active processes	♦	♦				
Terminate active sessions	♦	♦				
Set company information	♦	♦				
Customise logo	♦	♦				
Monitor licence status	♦	♦				
Data Management Tools						
Access all Projects and Groups	♦	♦				
Access assigned Projects and Groups	♦	♦	♦	♦	♦	♦
Delete projects	♦	♦	♦	♦		
Edit Project name and description	♦	♦	♦	♦		
Edit Project storage location	♦	♦	♦	♦		
Password protect Projects	♦	♦	♦	♦		
Sort Projects	♦	♦	♦	♦	♦	♦
Search Projects	♦	♦	♦	♦	♦	♦
Assign user access to Projects	♦	♦	♦	♦		
Assign user access to Groups/Sub-groups	♦	♦	♦			
Create/Delete Groups	♦	♦				
Create/delete Sub-groups	♦	♦	♦			
Assign projects to Groups/Sub-groups	♦	♦	♦			
Edit Group name and description	♦	♦	♦			
Edit Group/Sub-group hierarchy	♦	♦	♦			
Search Groups/Sub-groups	♦	♦	♦	♦	♦	♦
User Management Tools						
Add/delete users	♦	♦				
Filter by user role	♦	♦	♦	♦	♦	♦
Sort user by name/role	♦	♦	♦	♦	♦	♦
Reset all system users passwords	♦	♦				
Edit all system user name/role	♦	♦				
Reset user's own password	♦	♦	♦	♦	♦	♦
Edit user's own user name	♦	♦	♦	♦	♦	♦
Project Exploration Tools						
View all Projects	♦	♦				
View authorised Projects	♦	♦	♦	♦	♦	♦
View as list/grid	♦	♦	♦	♦	♦	♦
Sort Projects	♦	♦	♦	♦	♦	♦
View Projects in Groups	♦	♦	♦	♦	♦	♦
Open Projects in TruView LIVE	♦	♦	♦	♦	♦	♦

Server Specifications

Operating System	**Recommended:** Windows Server 2016 or newer **Minimum:** Windows 10 or Windows Server 2016 or newer
Processor	**Recommended:** 64 Cores, multithreaded, at 4 GHz or higher **Minimum:** 8 Cores, multithreaded, at 2.5 GHz or higher
RAM	**Recommended:** 256 GB or higher **Minimum:** 32 GB or higher
Graphics	**Recommended:** 16 GB NVIDIA or AMD GPU with OpenGL 4.6 or newer support **Minimum:** 8 GB NVIDIA or AMD GPU or higher with OpenGL 4.6 or newer support NOTE: A GPU is required for TruView LIVE. If you are using a cloud service provider such as AWS or Azure, be sure to purchase an instance that includes a GPU.
Hard Disk	**Recommended:** • Installation drive: 2 TB SSD (see note below) • Project Storage Location drive(s): SSD(s) of at least the minimum total project storage you will need based on project quantity and average project size (see note below) **Minimum:** • Installation drive: 1 TB HDD (see note below) • Project Storage Location drive(s): HDD(s) of at least the minimum total project storage you will need based on project quantity and average project size (see note below) **NOTE:** • 1.25 GB is the **minimum drive space required for application installation** • **However, Project Import and Publish (as LGS) utilise temporary storage on the installation drive.** A typical import or publish will temporarily require approximately 2.5-times the size of the project being imported or published (e.g., if you are importing a 100 GB LGS file, we suggest having a minimum of 250 GB of free storage on the drive). Therefore, despite only needing 1.25 GB for installation, we recommended at least 1 TB (and possibly 2 TB or more) to accommodate large project imports and publishes. You can use an exemplar project to refine the required temporary storage capacity for both import and publish processes. • **Project Storage drives can be added to the system via the Admin UI at any time, therefore expanding your server capacity with additional storage is not a problem.** However, if you wish to estimate, we suggest taking an exemplar project, published as an LGS file. This should give a baseline for per-project size and then multiply by the intended/estimated quantity of projects to be managed in Cyclone ENTERPRISE
Network	**Recommended:** 10 Gbps on-premise and 100 Gbps for cloud services **Minimum:** 1 Gbps on-premise and 50 Gbps for cloud services

Import Compatibility

Version		Cyclone ENTERPRISE 2021.0
	LGS	
	1.4.1	✗
	1.5.1	✔
	1.6.0	✔
	1.6.2	✔
	2020	✔
	2020.1	✔
	2021	✔
	JSA	
	1.4.1	✔
	1.5.1	✔
	1.6.0	✔
	1.6.2	✔
	2020	✔
	2020.1	✔
	Cyclone REGISTER 360	
	2021.0.0	✔
	2021.1.0	✔
	2021.1.1	✔
	Cyclone CORE	
	2021.0.0	✔
	2021.1.0	✔
	2021.1.1	✔

Leica Geosystems AG
Heinrich-Wild-Strasse
9435 Heerbrugg, Switzerland
+41 71 727 31 31

- when it has to be **right**

Leica
Geosystems