



**SmartClass**<sup>®</sup>  
BY ROBOTEL

# DATABASE RECOMMENDATIONS

These recommended requirements apply to the SmartClass language teaching platform when equipped with software-based audio Intercom and screen-sharing.

For systems using either hardware-based audio Intercom and/or screen-sharing, the requirements are less demanding.

## SMARTCLASS DATABASE

The SmartClass Database can be stored on premises in a shared folder called **SmartClass-Server** or it can be stored in a **SmartClass Cloud** hosted on Robotel Cloud Servers.

### SmartClass Server

School-hosted: **SmartClass-Server** is a shared folder hosted on a Windows server or a commercial grade Network Attached Storage (NAS)

#### Network connection:

- School-hosted SmartClass-Server requires 1 Gbps wired network or better.
- A shared folder will be accessed by SmartClass installed apps from teacher and student devices. It will also be accessed by the optional BYOD Manager and WEB Manager.
- A hidden shared folder (\$) is recommended.
- Only "Read" and "Modify" rights are needed.
- SmartClass-Server folder needs no apps or services running on the server or NAS. It is a passive shared folder.
- Teacher and Student users will not need to see or access the SmartClass-Server folder directly.

### SmartClass Cloud

Your **SmartClass Cloud** is created and managed by Robotel. It is hosted in a Google Cloud server and is dedicated to your institution only. It will geographically be hosted near your region. We have servers in the USA, Canada, Europe, and Asia.

To access the SmartClass Cloud from our installed or Web SmartClass apps, we will provide you the IP of your Cloud. This IP may need to be whitelisted depending on your Network rules.

The following URL and IP may also need to be whitelisted in you network rules, for good SmartClass operation:

- [smartclassplus.com](http://smartclassplus.com)
- [robotelapps.com](http://robotelapps.com)
- [roboteltest.com](http://roboteltest.com)
- [speech.googleapis.com](http://speech.googleapis.com)
- [api.ispeech.org](http://api.ispeech.org)
- 104.196.227.65 (for licensed apps)
- 192.175.117.197 (SC content libraries)
- 82.192.84.41 / 192.175.117.197 / 184.107.3.12 (SC Cloud)