

Hardware requirements

The KMR maintenance management system is developed in Linux using Apache, MySQL and PHP (also known as the LAMP platform).

For optimum operation and maximum capacity of the KMR system, it is necessary to have:

Disk space:

- 200 MB minimum – the amount of disk space required to install the application;
- 10 GB minimum – disk space proportional with the information you want to save in the app.

RAM memory:

- 512 MB minimum (recommended 2 GB). KMR can handle between 15 and 25 web server processes at the same time for every 1 GB of RAM, but it will vary depending on the specific combination of hardware, software, and usage.

Processor:

- Minimum 1 core (recommended 2 core). Both memory and processor directly influence the speed of data processing and delivery to users.

Back-up:

- At least as much as "Disk space" to keep copies of the information in the app. The copy includes the database and the file structure;
- It is recommended that the backup be held on another virtual machine or location.

Software requirements

Operating system:

- Linux
- Windows
- *Any other system running the requirements below.*

Web Server:

- Apache
- Nginx
- IIS

PHP:

- Minimum version 5.6. Depending on the version you installed, it may be necessary to enable extensions.

DataBase:

- MySQL minimum version 5.7
- MariaDB minimum version 10.2

PhpMyAdmin:

- For easy management of the database
- Or equivalent for PhpMyAdmin

SMS service:

- The server must be connected to the Internet or capable to access the SMS sending service in the Quartz Matrix Cloud.

Browser:

- Compatible with: Mozilla, Chrome, Opera, Internet Explorer 11.