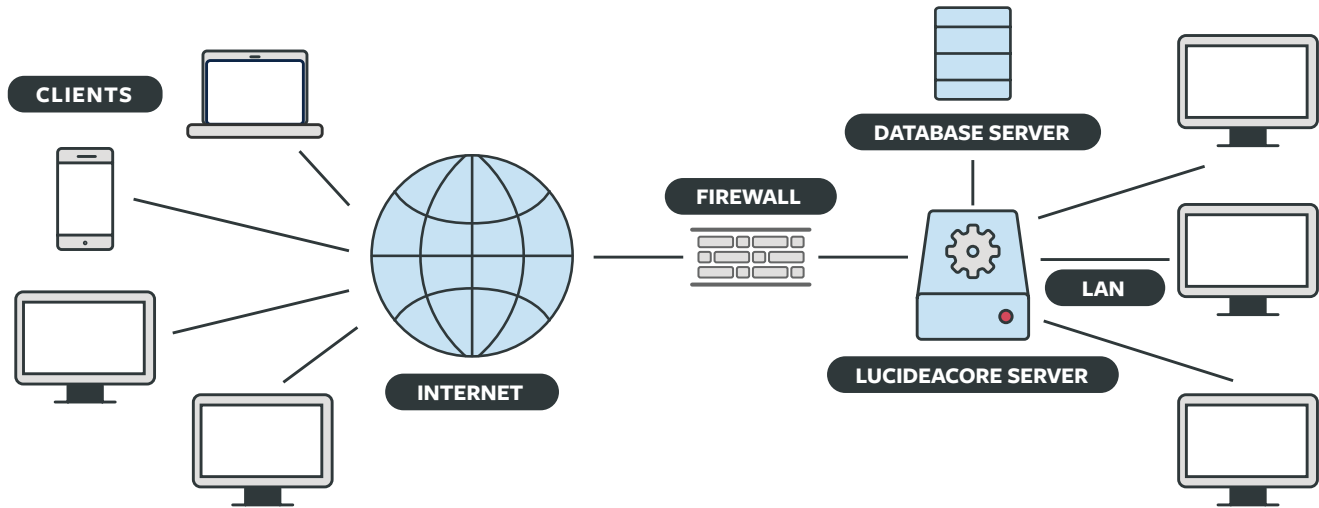


### Hardware Architecture

LucideaCore 4.4.1 is an ASP.NET 4.8 based application that provides access to any modern browser through your Intranet or the Internet.



#### LUCIDEACORE APPLICATION SERVER

The LucideaCore Application Server is where the main functionality of the system resides. All client operations are performed on this server.

- Processor: 32 or 64-bit, four cores
- RAM: 4 GB
- Hard Disk: 80 GB (plus storage for images if applicable)
- Windows 2016, 2019, or 2022
- IIS
- Minimum required .NET Framework 4.8

#### CLIENT

The LucideaCore system is entirely accessed through a web-based interface, providing both user and administrative functions.

Supported browsers:

- Microsoft Edge
- Firefox
- Safari
- Chrome

#### DATABASE SERVER

The Database Server can be one of the following DBMS

- [Microsoft SQL Server 2014, 2016, 2017, 2019, 2022](#)

Full-Text Indexing features from each DBMS are used to provide full Keyword searching. Features of each DBMS can be used to create automated backups, re-indexing, and re-keywording.

The database server configuration settings in MS-SQL Server will allow the user to specify the collation scheme (sort order). The LucideaCore system does not require that any specific collation scheme be selected. For example, if you intend on using Chinese, German, French, or Arabic text in your database, you can choose to sort by any one of these character sets. You can also choose to have case-sensitive, accent-sensitive, kana-sensitive, or width-sensitive collation.

