

# Documentation about CALS simulator

Team	Barracuda
Members	Jérémy GROS Pierre ENJALBERT Saqib Ahmed Thomas Loeb
Date	27/01/2016
Version	1.0

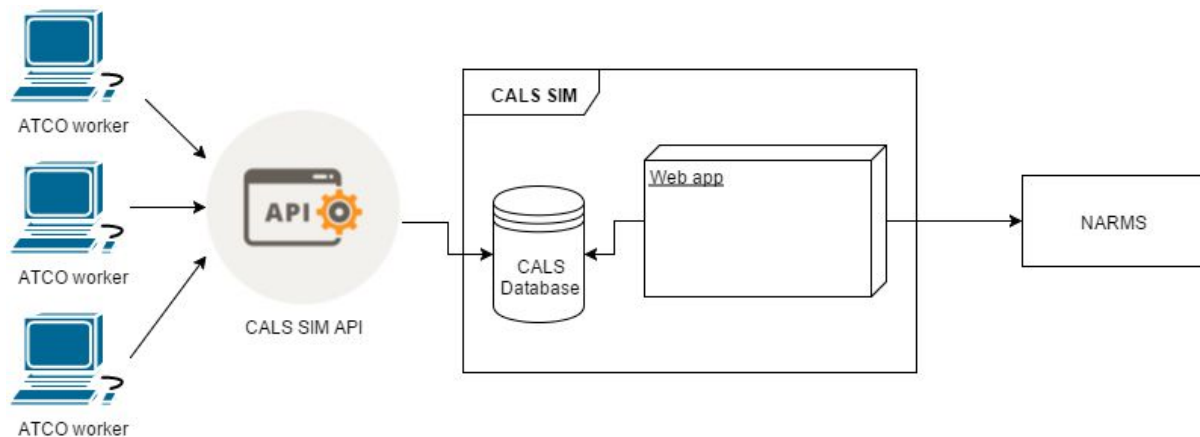
# Summary

[General architecture](#)

[Network environment](#)

[System requirements](#)

## I. General architecture



## II. Network environment

We use MySQL technology to push the log event data from the desktop application to the CALS database.

The desktop application has a Network module in python which contains a method `sendData`.

This module is using the library PyMySQL (<https://github.com/PyMySQL/PyMySQL>). It is a python MySQL driver. We have chosen this library because it does not require a compiled C component or MySQL libraries and header files to be installed on client machines. And it has python 3 support (we are currently using Python 3.4).

### III. System requirements

System requirements for using the Network module :

- SDK Python 3.4
- Pip 8.0.2
- Setuptools 19.6
- PyMySQL 0.7.1