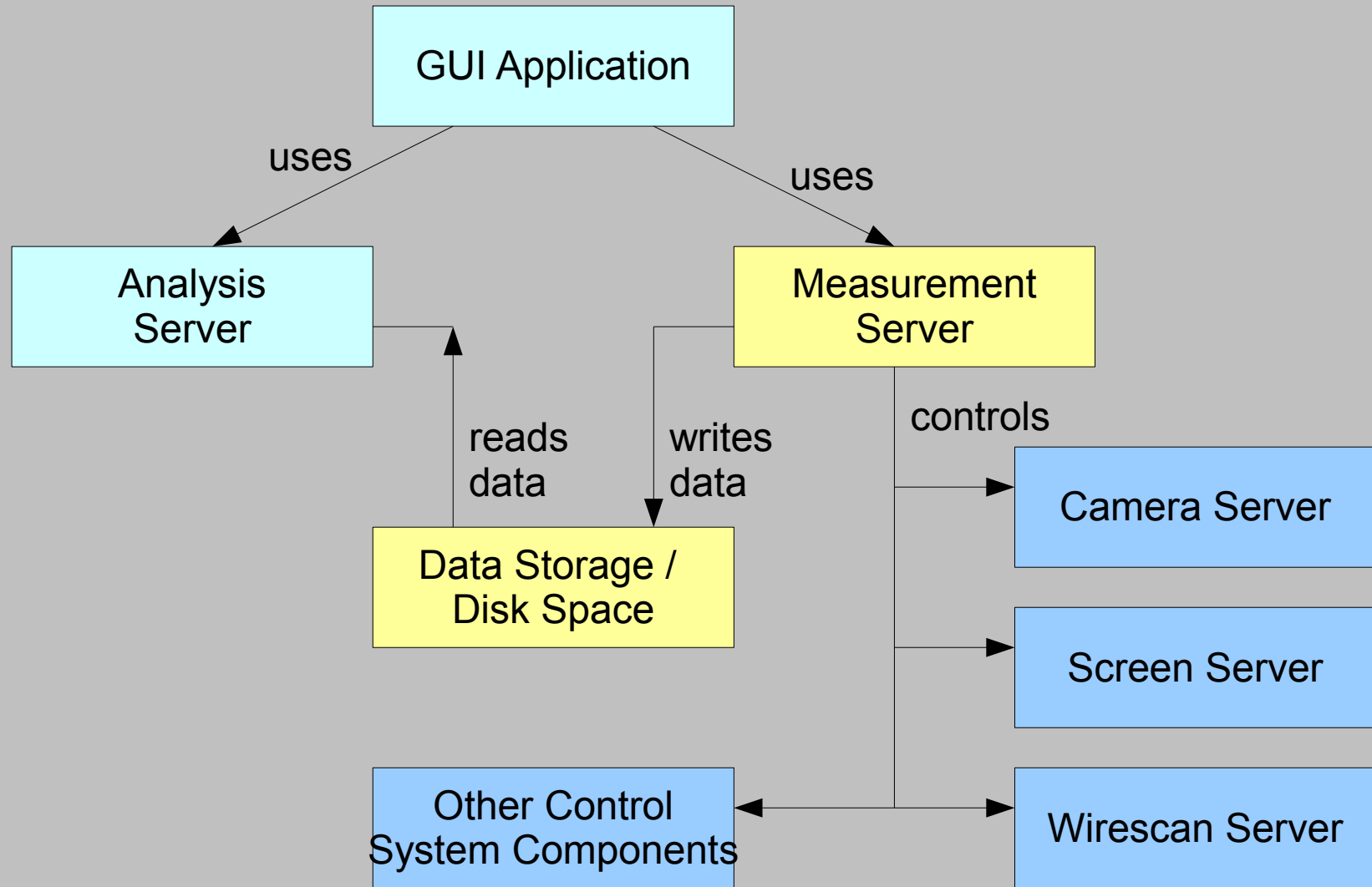


# Overview of Emittance Measurement



# Status of the Measurement Server

## Status

- First version of the server is running (DOOCS/C++).
- Tested with BC2 section.
- Other sections can be added by configuration.
- Currently only screen monitors and cameras supported, no wire scanners yet.

## Open Issues

- Automatically adjust camera gain (requires some image analysis).
- Transform DOOCS/TINE image format to normalized luminosity matrix.
- Find suitable numerical library for image analysis (GSL, Octave, Matlab...?)
- Integrate camera gain control to measurement sequence.
- Define interface between measurement and analysis (Naming conventions, number of images, directory structure, metadata, additional data)
- Add wire scanner measurement