

UG4 Project - IT Infrastructure Monitoring System

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- Provide both time series monitoring and real time alerting
- Can be managed entirely from a central interface
- Support for plugins to monitor specialised hardware

System is split up into 3 components

- Agent
- Core
- Web

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- Runs on every machine being monitored.
- Provides a REST API over HTTPS to allow the core to connect to it and to retrieve data.
- Handles the installation and execution plugins

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Definition (Plugin)

A plugin is a user provided package containing code to retrieve a custom metric from a machine. For example you may have a plugin to check the CPU load average of a machine or to read the status of the arrays configured on a hardware RAID card.

The core handles most of the monitoring and data collection operations within Prophasis. It has 3 main roles:

- Scheduling
- Dispatching
- Alerting

- Allows management of the system configuration
- Provides an interface to view and analyse collected data
- Fully responsive design for use on mobile devices

Live demo!
Hopefully...

Questions?