Overview

- Manages persistent configuration data through a database-backed solution with a simple API and user interface
- Supports fail-safe operations when the database server is down or there is a network glitch

Database

- Allows easy hierarchical configuration with a controller/component relational schema
- Allows prioritization of component load order
- Uses triggers to provide change history, time-stamping and “house cleaning”
- Ability to create and load snapshots

IOC

- Configuration support calls can be initiated from within the iocsh or dynamically using EPICS record support

User Interface

- Written in C++ using the Qt framework
- System level view
- IOC comparison with unit conversion
- Ability to add, update and delete items