



telent's Optima Controller
Integral MOVA 8

Optima iMOVA 8 is an integral MOVA 8 solution that exploits the Optima platform to implement the latest MOVA signal control strategy from TRL using the controller's existing hardware

Overview

telent's Optima iMOVA software is designed to run on the traffic signal controller's CPU using the existing IO allowing up to four streams of control. This produces a cost effective and extremely reliable solution. The software is installed as an "app" that only requires a licence to be activated.

With this solution there is no extra physical wiring involved as the MOVA detection is connected to the controller eliminating the difficulties of wiring free standing units and their interfaces.

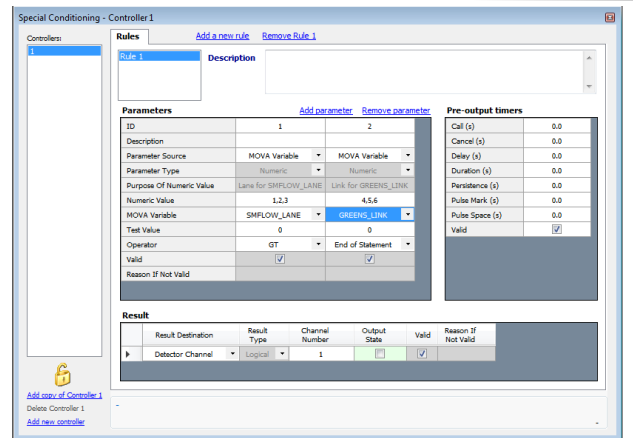
MOVA 8 vs MOVA 7

MOVA 8 includes some significant enhancements over MOVA 7:

- Special conditioning within MOVA
- Graphical representation of MOVA activity
- Inclusion of buses in optimisation routines
- Web user interface (locally and via telent RM)
- No need for MOVA comms
- Mimic (MOVA tools) by direct network connection

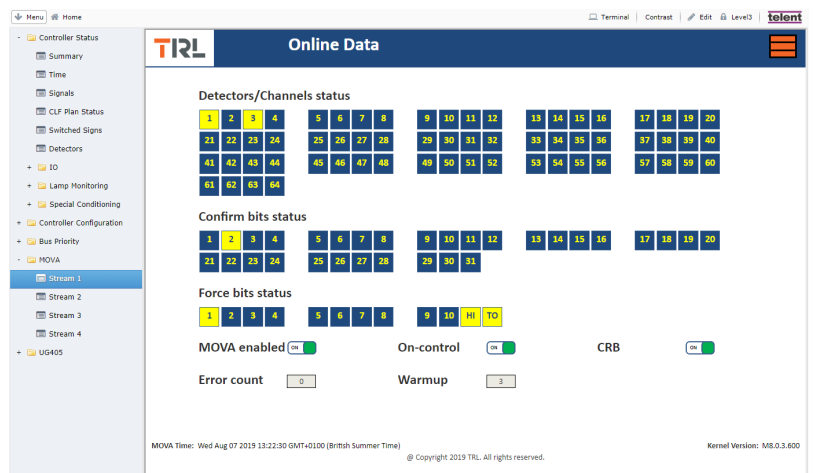
Special Conditioning

- Rules created in MOVA tools
- The conditioning rules can be edited/added during validation, which avoids having to modify the controller configuration for minor changes
- Many of the MOVA variables are available which can be used to achieve behaviour that couldn't be achieved even with controller special conditioning



Web User Interface

- Commissioning data in real time
- Web page available locally and via telent Remote Monitoring
- Dataset management (locally)
- Log file retrieval



Summary:

MOVA 8 is the latest incarnation of the well-established MOVA signal control strategy. The additional facilities make much better use of the underlying MOVA algorithm providing greater flexibility through more options when dealing with different situations. Improved usability has been a focus and MOVA 8 is more user friendly than all previous versions.

Benefits:

- Special conditioning, allowing MOVA operation to be tailored to suit particular circumstances
- Site mimic showing operation in real time allowing fine tuning in an easily digestible way
- Flexible bus priority facilities allowing buses to be given different degrees of priority
- Web interface allowing maintenance engineers to do their job more effectively

