



# telent's Optima Controller Web Page Interface

telent's Optima Controller software incorporates an extensive web page user interface which allows local and remote access to the controller's parameter set along with a graphical view of phase, detector and I/O state.

## Overview

The Optima web page interface provides an extensive and user friendly way of viewing and editing a controller's parameter set whilst giving a far superior representation of the current status compared to the traditional handset interface.

Parameters are grouped together logically, allowing access to related data without the need to enter multiple handset commands.

Graphical representation of signal phases by stream allows users to easily gain an awareness of a whole site's operation.

Level 3 parameters can be edited locally (user is required to press lamp test button to obtain access)

## Features

- Local and remote access to the controller's parameter set
- Real-time view of phase data by stream
- Real-time status of detectors and I/O
- Ability to override detector state
- Level 3 integrity maintained via lamp test button
- View and edit controller configuration data
- Access to handset command window



## Screenshots

The screenshots display the Telent Optima Controller web interface, which is used for configuring traffic signals. The interface includes a sidebar menu with options like 'Controller Status', 'Summary', 'Time', 'Signals', 'CLF Plan Status', 'Switched Signs', 'Detectors', 'IO', 'Lamp Monitoring', 'Special Conditioning', and 'Controller Configuration'. The main content area shows various configuration tables and status indicators.

**Streams Table:**

Stream	Mode	Stage	Next Stage	Failed	Lamps
1	CLF	3	3		Normal
2	Fixed Time	1	1		Normal

**Stream 1 Phases Table:**

	A	B	C	D	E	F	G	DA
State	Green	Red	Red	Green	Green	Green	Red	Red
Demand	0	0	0	0	0	0	0	0
Extension	0	0	0	0	0	0	0	0
Opposing	0	0	0	0	0	0	0	0
Min	2	0	0	0	0	0	0	0
Max	0	0	0	0	0	0	0	0

**Stream 2 Phases Table:**

	H	I
State	Green	Red
Demand	0	0
Extension	0	0
Opposing	0	0
Min	6	0
Max	0	0

**Intergreen Durations [IGN-L3] Table:**

From Phase	To Phase A	To Phase B	To Phase C	To Phase D	To Phase E
A	N/C	5	5	5	N/C
B	6	N/C	N/C	N/C	9
C	6	N/C	N/C	5	6
D	5	N/C	7	N/C	9
E	N/C	0	0	0	N/C
F	0	N/C	N/C	N/C	N/C
G	0	0	0	0	N/C

**Detectors [DET] Table:**

Detector	Type	Status
CSL11	Normal	Normal
CLB	Normal	Normal
CLC	Normal	Normal
MDET12	Normal	Normal
PBDE1	Push button	Normal
PBDE2	Push button	Normal
PBDF1	Push button	Normal
PBDF2	Push button	Normal
PBDG1	Push button	Normal
PBDG2	Push button	Normal
ONCE1	On crossing	Normal
ONCE2	On crossing	Normal
ONCF1	On crossing	Normal
ONCF2	On crossing	Normal

### Summary:

An extensive, user friendly, web page interface which can be added to any new or existing Optima Controller by a simple software update.

### Benefits:

- No need to remember handset commands
- Overall site operational awareness
- Ease of use with single screens replacing multiple handset commands
- Remote access cuts down site visits

