

# TelStar (Stage 1) - micro SCADA on the Web

TelStar provides protected Web access to operational data directly from Controlstar Systems Ltd telemetry and asset management system. The Web access is an additional facility that extends the comprehensive support to the whole user organization and it's clients.

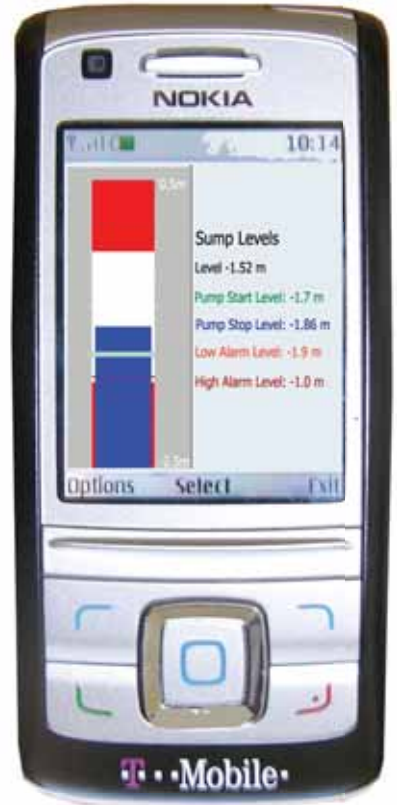
## Why TelStar ?

**Easy access 24/7 to operations information for management and support personnel.**

**Limited access to operations data can be vital to improving public awareness and creating a partnership with stakeholders.**

There are two levels of TelStar SCADA access, both levels are compatible with a standard PC browsers, and in addition they can be displayed on the latest generation of mobile phones. This means that a PC or laptop is no longer necessary to view the important operational information, creating a new flexibility for management and support staff. The user simply dials the number of the Website to view the most current data. Simple TelStar SCADA navigation screens automatically download, and the required display is selected from the list. The mobile phone can also receive text alarm messages immediately they are generated on the Controlstar® unit.

The first level of TelStar access provides availability to the less confidential data, this maybe useful for improving public awareness etc. The second level is password protected and is tailored to the needs of the user organization.



'Live' operational data (actual size)

## Immediate access PC, Laptop, or Mobile Phone



### Pump 1 Overview

Status : Pump Not Running  
Hours Run: 0.0

### Pump 2 Overview

Status: Pump Not Running  
Hours Run: 4.96

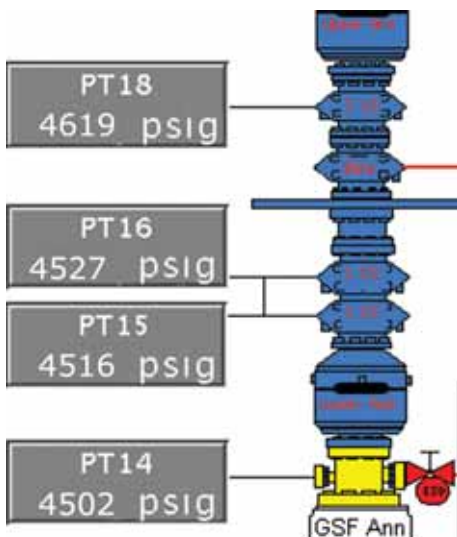
### Pump 3 Overview

Status: Pump Not Running  
Hours Run: 0.0

### Site Alarms are Listed here

PUMP 1 FAILED

### Simple Status & mimic Screens



## How does TelStar work?

The key to the TelStar Web access facility is the 'Cloudscape' database which is the core of the TM-SCADA the telemetry master station.

Two programs provide the Web based service, firstly a program that runs on the computer hosting the Web site, this generates the web pages using data requested from the telemetry system. The second program is part of the TM-SCADA master station, it responds to these requests from the Web site by connecting to the live 'Cloudscape' database and extracting the latest data. For the system to work the TM-SCADA needs Broadband connection.

Clients can either install the TelStar service on their own Web site, or use the dedicated section on Controlstar's own Web site.

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