

OPS SQL / Drinking Water Add-On Modules

The Power of Information

Bring all your SCADA, Laboratory and operator log data together and transform it into information.

Increase the productivity of your OPS Solution

OPS Remote module allows remote users to *collect data on any disconnected PC or Tablet PC* running windows and sync the data to the OPS SQL database later. The Data Entry Forms and Lab Cal Samples work just like they do in OPS SQL.

All forms are available to the user and security is applied just as if the user was in OPS SQL. The only difference is that the user is not connected to the database and data is stored locally until it is synchronized.

The screenshot displays two overlapping windows from the OPS SQL software. The background window is titled "Operator Log - Monthly Data Entry" and shows a calendar view for October 2006. The foreground window is titled "Daily Data Entry (Custom Data Entry Form)" and shows a data entry form for Monday, October 02, 2006. The form includes a table with various parameters and their values, and a numeric keypad overlay.

Daily Com	1 - Influent Flow MGD	81 - Influent pH SU	911 - Air Temperature High Deg F	915 - Air Temperature Low Deg F	1021 - MLSS mg/L	1031 - Aeration Basin Dissolved Oxygen mg/L	1033 - Aeration Basin Temperature Deg C	4001 - Eff Flow MGD
1 Sun	2518	8.0	67.0	43.0	3333	3.70	18.7	
2 Mon	2700	4.0	57.0	48.0	3224	4.10	18.6	
3 Tue	2129							
4 Wed								
5 Thu								
6 Fri								
7 Sat								
8 Sun								
9 Mon								
10 Tue								
11 Wed								
12 Thu								
13 Fri								
14 Sat								
15 Sun								
16 Mon								
17 Tue								
18 Wed								

The foreground window shows a data entry form for Monday, October 02, 2006. The form includes a table with various parameters and their values, and a numeric keypad overlay. A callout bubble points to the numeric keypad with the text: "The entry toolbox is available to assist with entry on a Tablet PC."

OPS Remote

- Disconnected PC
- Tablet PC

LAB Cal

- Schedule samples
- Report results
- Chain of Custody

GnR

- Automates graphs and reports

Pocket OPS

- PDA
- Windows Mobile



LabCal - OPSROCKY

Find Setup Utilities Help

	Saturday 3/4/2006	Sunday 3/5/2006	Monday 3/6/2006	Tuesday 3/7/2006	Wednesday 3/8/2006
1		060303-0005 // Influent	060306-0005 // Effluent	060307-0005 // Effluent	060308-0005 // Effluent
2		060304-0005 // Effluent	060306-0006 // Influent	060307-0006 // Influent	060308-0006 // Influent
3		060304-0006 // Influent	060306-0007 // Aeration 8AM	060307-0007 // Aeration 8AM	060308-0007 // Aeration
4		060305-0005 // Effluent	060306-0008 // Aeration Noon	060307-0008 // Aeration Noon	060308-0008 // Aeration
5		060305-0006 // Influent			
6		060305-0007 // Aeration 8AM			
7		060305-0008 // Aeration Noon			
8					
9					
10					
11					
12					
13					
14					
15					
16					

Sample Detail - Analyzed

Sample # 060304-0006 Scheduled For Collection On 3/4/2006 08:00 AM

Sample Name Influent Date Closed

Sampled By Dr Bob Schedule Type Regular Schedule Type Regular

Sampled On 3/4/2006 12:00 AM Sample Status analyzed

Tests	Result
TSS	231
BOD	198
Oil & Grease - Total	1.70

Sample Type Grab Client

1747

LAB Cal is a calendar based sample scheduling system. The program then generates a calendar of Sample Orders. Each order has a unique sample #, location and tests to be run. Chain-of-custody and results are stored in OPS SQL

For every sample location or point, pick the tests to run from the methods library...

...and the recurrence pattern (schedule).

GNR Server (Graph and Report Server) is an NT service that automatically processes many types of requests, such as:

- ❖ Scheduling a Report
- ❖ Scheduling a Graph
- ❖ Scheduling a Multi-Graph
- ❖ Scheduling a Trigger Report Evaluation
- ❖ Scheduling an Import of External Sources

It can produce these reports and graphs in formats such as HTML, PDF, JPG, XLS ... and can then output the file to your ... printer, server file system, database blob, email, etc.

In addition, this module can periodically generate an HTML page that can be linked to your web server, thus serving as a simple Web Portal to display OPS SQL reports and graphs.

Pocket_PC

File Zoom Tools Help

POPS - Edit Data

OPSPT

Thursday 10/11/07

Var: 1 - InfFlowRouteOneFacilOne

Value: 45

Units: MGD Min: Max:

Notes: checked

Prev: 45689

Modified: SUPER 10/3/07

RollOver: N/A

Enter a numeric value

File Records Help

Pocket OPS allows you to use your Windows Mobile PDA to collect data in the field. Plan a route... walk the route... download the data. The screen will alert if limits are exceeded, show yesterday's value and do calculations.