



TESTAM

WE SOLVE MEASUREMENT PROBLEMS

presents



Installations and Applications

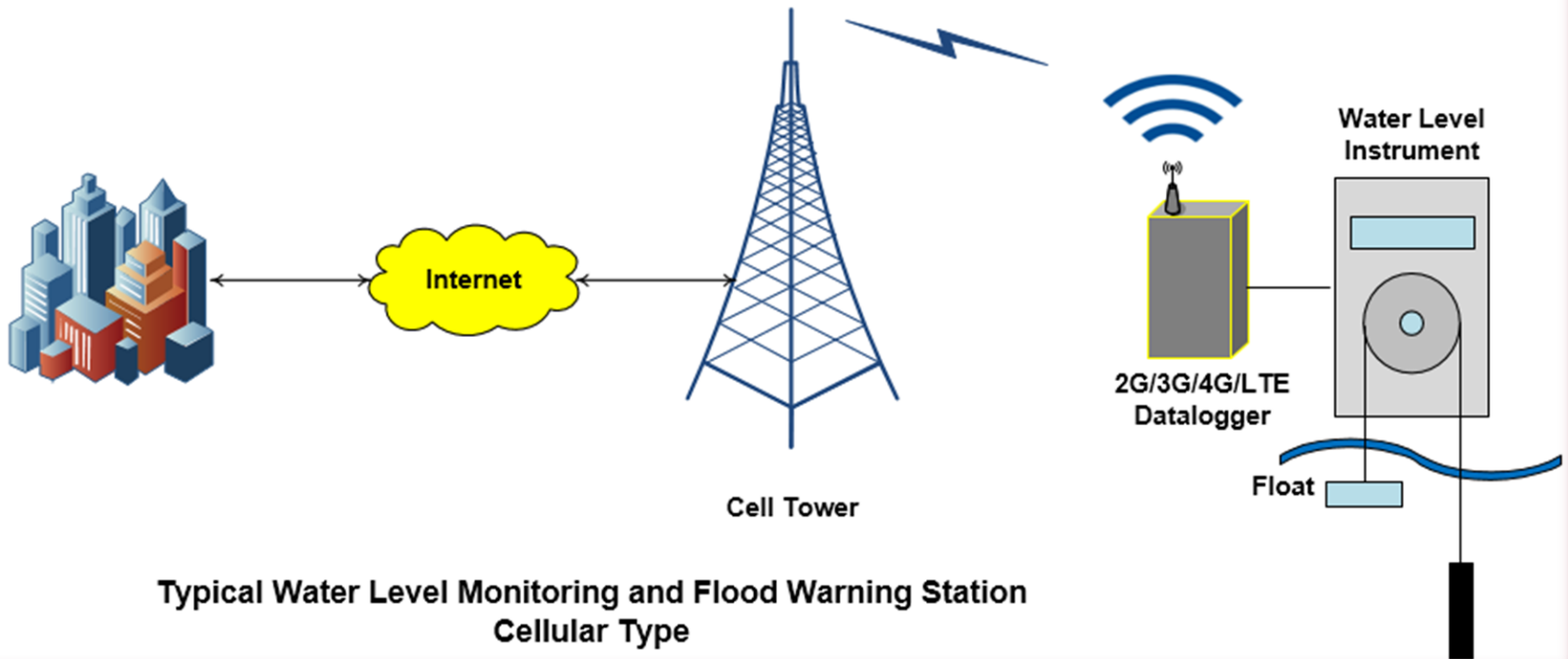




Installations and Applications

Typical Installation

Cellular Datalogger and Water Level Instrument



Typical Water Level Monitoring and Flood Warning Station
Cellular Type



Typical Installations - Australia

Typical Installation

Satellite



Typical Installation

Satellite



Typical Installation

Satellite



Typical Installation

Satellite



Typical Installation

Satellite



Typical Installation

Satellite



Typical Installation

Cellular Datalogger and Starflow



Test Installation



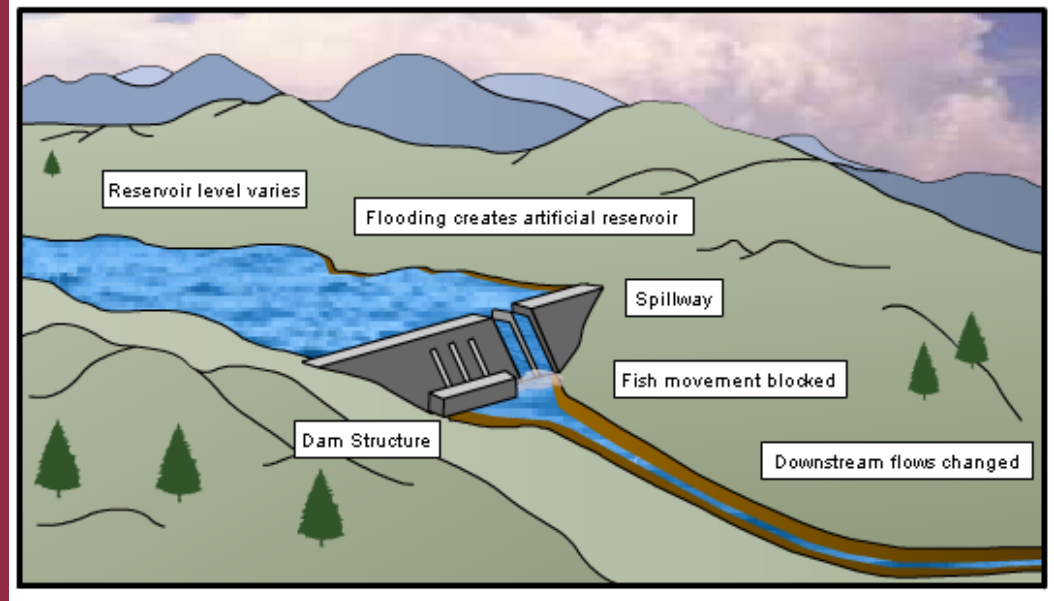


Typical Installations - Canada

Hydro Power Installation

- Environmentally friendly power production
- No large dams required
- Smaller power companies set up micro-hydro systems to produce electricity

Conventional Hydro Project



Hydro Power Installation

- Cold remote conditions & difficult terrain
- High Cost of travel to remote sites
- Remote diagnosis of loggers over the internet important
- Ability to reset & reconfigure over the internet important



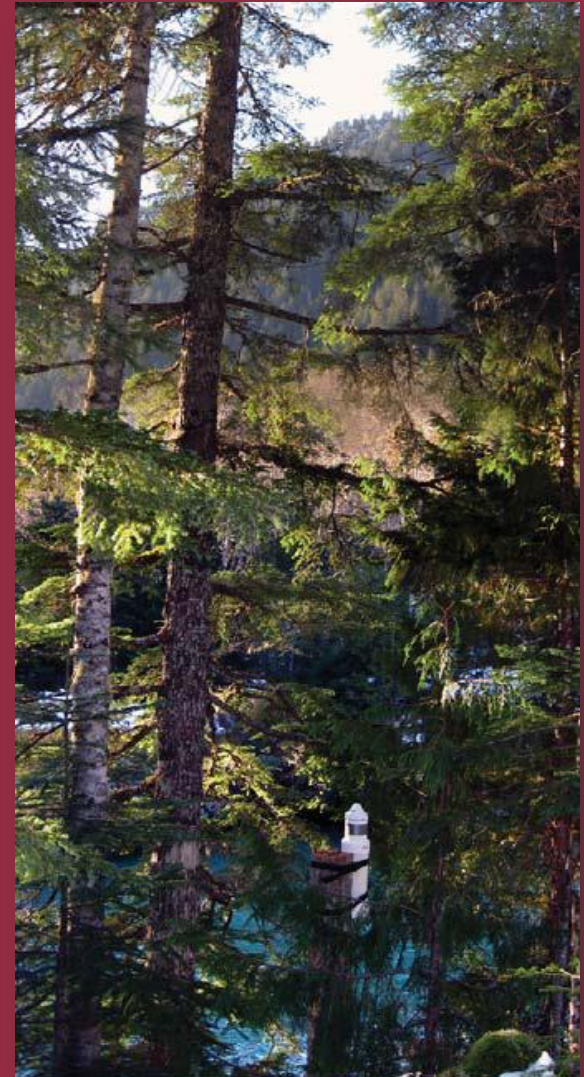
Hydro Power Installation

- NRT Satellite units buried in recent snowfalls
- L band spectrum / not much attenuation in rain, cloud and snow
- NRT Satellite units continued operating despite being under a couple of metres of snow



Hydro Power Installation

- NRT Satellite units in forest areas with high trees
- NRT Satellite units worked despite the tree coverage
- NRT Satellite design allows for regular satellite visibility checking and programmable retry intervals
- NRT Satellite fast transfer when a satellite is acquire
- Operation in areas where satellite visibility is partially restricted





Typical Installations - Thailand

River Levels Thailand Installation

- Water Level Instruments and Neon Remote Terminals
- Whole of country system for measuring river levels in 8 regions



River Levels Thailand Installation

กรมชลประทาน
Royal Irrigation Department

neon
Logged in: System Administrator | Log Off

ALARM CONDITIONS

- 155 - Rgt.3 : Rgt.3 Over bank at 6.25 m. not
- 155 - Rgt.3 : Rgt.3 Over bank at 6.25 m. not
- 00 - Katt.12 : Kgt.12 Start Warning at 6.10 m.
- 00 - Katt.12 : Kgt.12 Flood at 6.00 m.(255 cm)
- 00 - Katt.12 : Kgt.12 Start Warning at 6.00 m.
- 00 - Katt.12 : Kgt.12 Flood at 6.00 m.(255 cm)
- 23 - R.10A : W/L
- 23 - R.10A : W/L H1

Neon Network Add Node

- Royal Irrigation Dept.
 - Hydro Data Export (R.2)
 - Hydro1-สถานีวัดระดับตลิ่ง (0-2)
 - Hydro2-สถานีวัดน้ำหลากตลิ่ง (0-2)
 - Hydro3-สถานีวัดระดับตลิ่งเหนือเขื่อนลพบุรี (0-2)
 - Hydro4-สถานีวัดระดับตลิ่งเหนือเขื่อนลพบุรี (0-2)
 - Hydro5-สถานีวัดน้ำ (0-2)
 - Hydro6-สถานีวัดระดับตลิ่ง (0-2)
 - Hydro7-สถานีวัดระดับตลิ่ง (0-2)
 - Hydro8-สถานีวัดน้ำ (0-2)
 - RD Demonstration Area (0-2)

Logger Clusters
System Reporting
Communications Server
Data Store Server
System Administration
Log Off

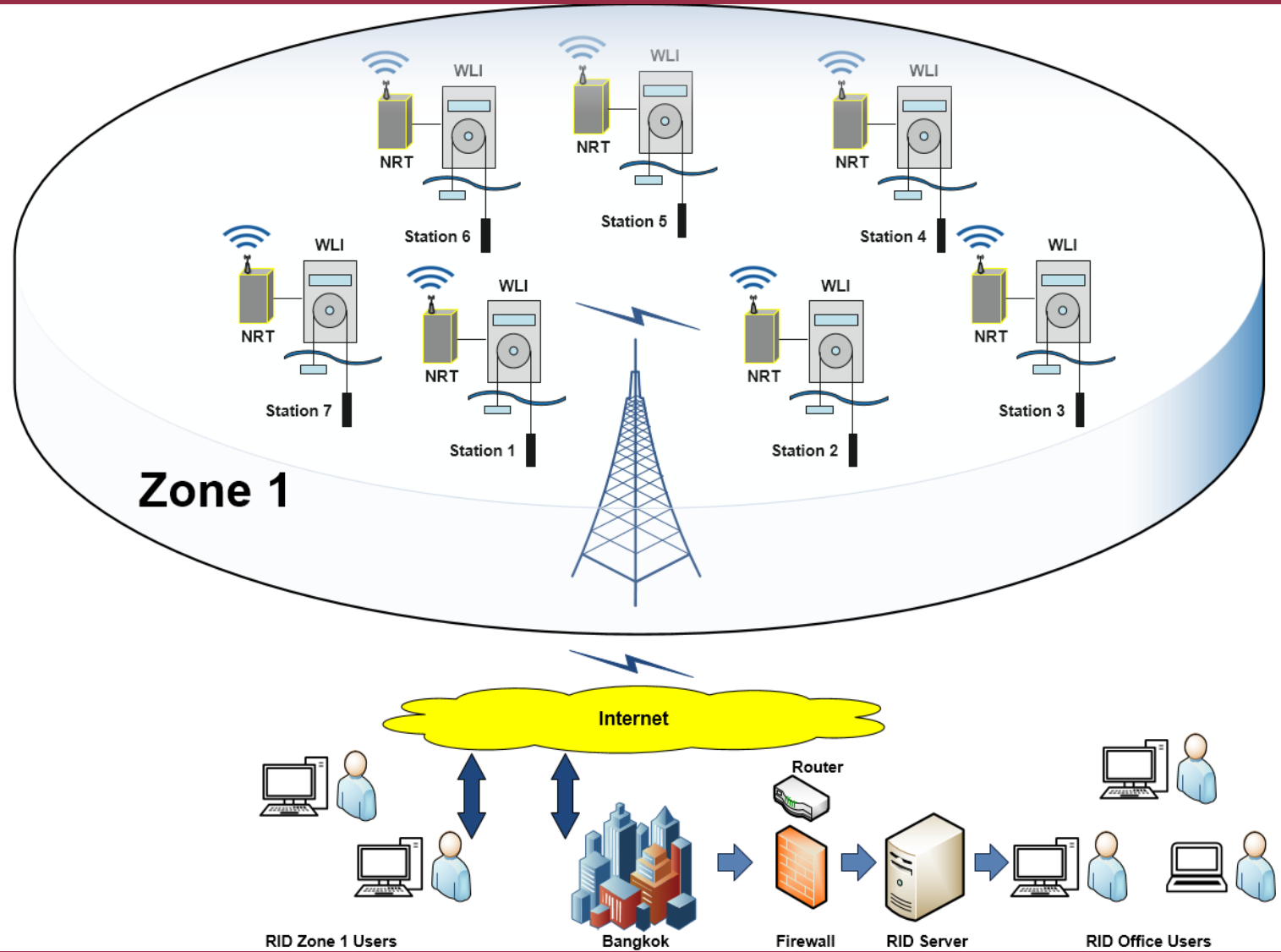
Neon Measurement to Web System Help

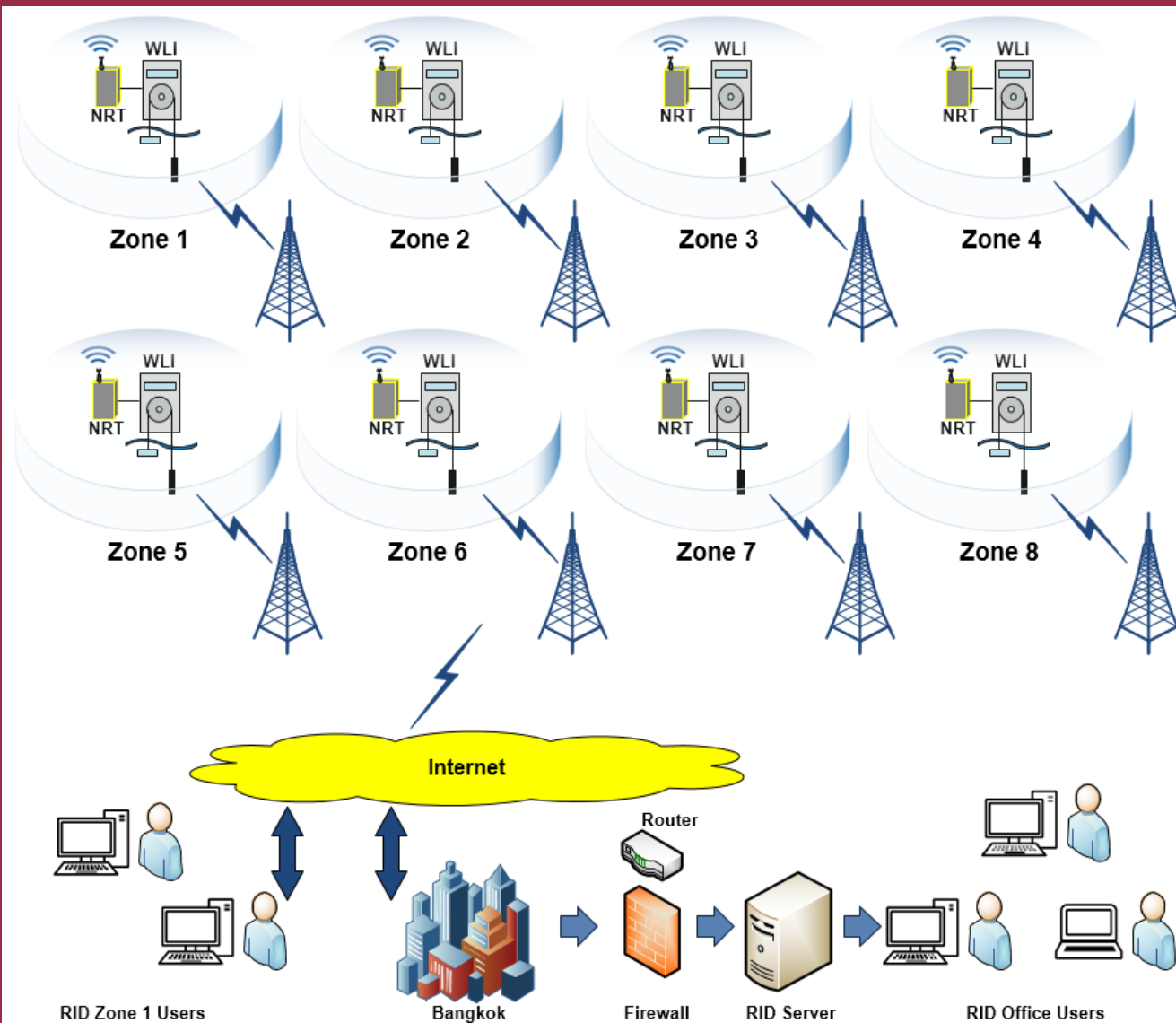
Neon Network Map

Map Satellite Terrain

Google search the map Search

Europe Technologies - Terms of Use



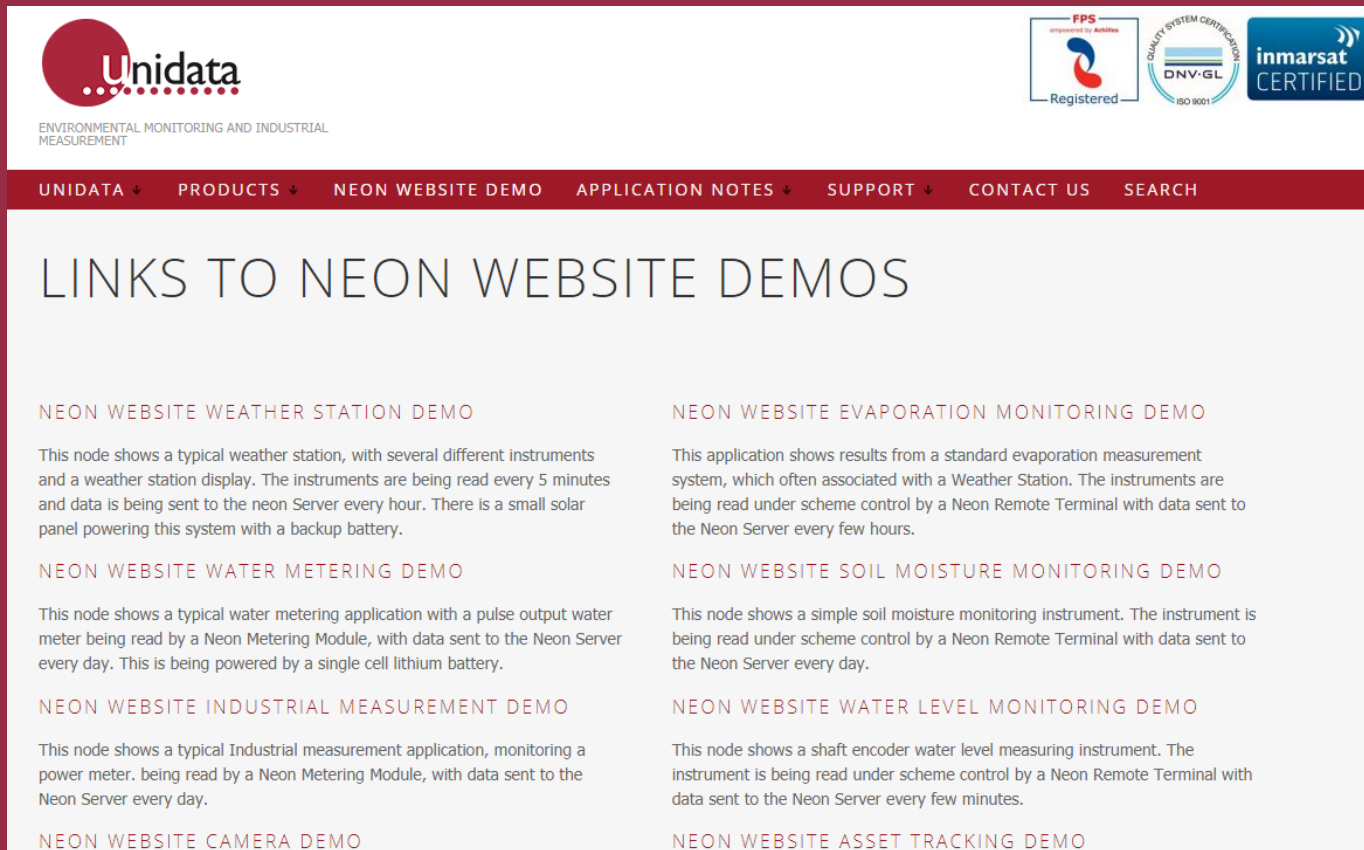




Neon Software

On-Line Real Time Demonstrations:

<http://www.unidata.com.au/neon-website-demo/>

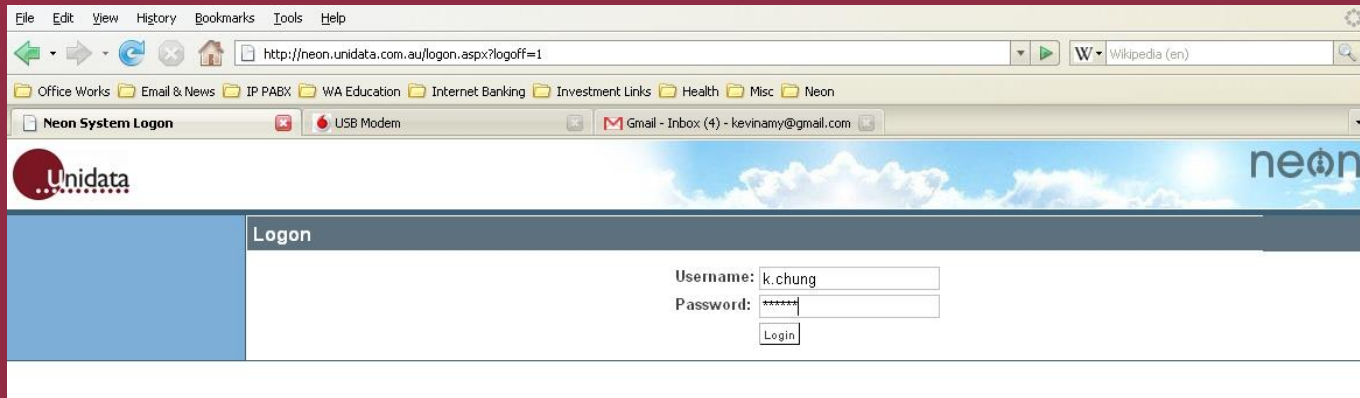


The screenshot shows the Unidata website header with the logo and tagline "ENVIRONMENTAL MONITORING AND INDUSTRIAL MEASUREMENT". The navigation menu includes "UNIDATA", "PRODUCTS", "NEON WEBSITE DEMO", "APPLICATION NOTES", "SUPPORT", "CONTACT US", and "SEARCH". The main content area is titled "LINKS TO NEON WEBSITE DEMOS" and lists eight demo categories with brief descriptions:

- NEON WEBSITE WEATHER STATION DEMO**
This node shows a typical weather station, with several different instruments and a weather station display. The instruments are being read every 5 minutes and data is being sent to the neon Server every hour. There is a small solar panel powering this system with a backup battery.
- NEON WEBSITE WATER METERING DEMO**
This node shows a typical water metering application with a pulse output water meter being read by a Neon Metering Module, with data sent to the Neon Server every day. This is being powered by a single cell lithium battery.
- NEON WEBSITE INDUSTRIAL MEASUREMENT DEMO**
This node shows a typical Industrial measurement application, monitoring a power meter. being read by a Neon Metering Module, with data sent to the Neon Server every day.
- NEON WEBSITE CAMERA DEMO**
- NEON WEBSITE EVAPORATION MONITORING DEMO**
This application shows results from a standard evaporation measurement system, which often associated with a Weather Station. The instruments are being read under scheme control by a Neon Remote Terminal with data sent to the Neon Server every few hours.
- NEON WEBSITE SOIL MOISTURE MONITORING DEMO**
This node shows a simple soil moisture monitoring instrument. The instrument is being read under scheme control by a Neon Remote Terminal with data sent to the Neon Server every day.
- NEON WEBSITE WATER LEVEL MONITORING DEMO**
This node shows a shaft encoder water level measuring instrument. The instrument is being read under scheme control by a Neon Remote Terminal with data sent to the Neon Server every few minutes.
- NEON WEBSITE ASSET TRACKING DEMO**

Logos for FPS (Fidelity Process Systems), DNV-GL (Quality System Certification ISO 9001), and Inmarsat Certified are also visible in the header.

Neon Log On Screen



Nodes Display

File Edit View History Bookmarks Tools Help

http://neon.unidata.com.au/neon-network.aspx

Office Works Email & News IP PABX WA Education Internet Banking Investment Links Health Misc Neon

Neon Network USB Modem Gmail - Inbox (4) - kevinamy@gmail.com

Unidata neon
Logged On: Kevin Chung Log Off

ALARM CONDITIONS

- 116 - Water Level Station # 1 : Water Level Station 1 H
- 34 - WSWSS49 : DataLate
- 60 - test : DataLate
- 61 - English Nature 1 : DataLate
- 62 - English Nature 2 : DataLate
- 64 - Hawthorn - NRT Temperature : DataLate (Ack'd)
- 119 - KWLKPS1 : DataLate

Neon Network Add Node

Unidata

Logger Clusters
System Reporting
System Administration
Log Off

Neon Measurement to Web System Help

Neon Network Map

Map Satellite Terrain

Map data ©2008 Mapabc, Tele Atlas, Terms of Use

Demo Node

The screenshot shows a web browser window displaying the Unidata 'Node: 6541 WLI Demo' configuration page. The browser's address bar shows the URL `http://neon.unidata.com.au/node-details.aspx?id=208`. The page header includes the Unidata logo and the text 'neon Logged On: Kevin Chung Log Off'. The main content area is divided into several sections:

- ALARM CONDITIONS:** A list of alarm conditions including '116 - Water Level Station # 1 : Water Level Station 1 HI', '34 - WWS849 : DataLate', '60 - test : DataLate', '61 - English Nature 1 : DataLate', '62 - English Nature 2 : DataLate', '64 - Hawthorn - NRT Temperature : DataLate (Ack'd)', and '119 - KWLKPSI : DataLate'.
- Neon Network:** A tree view showing the network structure. The 'Demo Area' is expanded, showing the '6541 WLI Demo (L:1, R:1, A:1)' node selected.
- Node: 6541 WLI Demo:** A form for configuring the node. Fields include:
 - Name: 6541 WLI Demo
 - Node ID: (empty)
 - Display Sequence: (Optional)
 - Station Code: 900251000
 - Parent Node: Demo Box
 - Node Type: System Administration N
 - Node Icon: Default Logger Icon
 - Time Zone: (UTC+08:00) W. Australia Standard Time
 - Location: Latitude 22.3805555014215, Longitude 114.209060668945
 - Node Status: Active
 - Logo: (empty)
- Created By:** Clint Barnes at 19/02/2008 1:21:39 PM
- Node Location:** A map showing the location of the node in the New Territories, near Sha Tin.

Data Channels

The screenshot shows a web browser window displaying the Unidata application. The address bar shows the URL: `http://neon.unidata.com.au/data-channels.aspx?id=208`. The page title is "Node: 6541 WLI Demo".

On the left side, there is a navigation pane titled "Neon Network" showing a tree structure of nodes. The selected node is "6541 WLI Demo (L:1, R:1, A:1)".

The main content area displays "Data Channels" for the selected node. It includes a table with the following columns: Sensor Name, Data Times, Data Values, Units, Status, and Node.

| Sensor Name | Data Times | Data Values | Units | Status | Node |
|-----------------------------|--|---------------------------|-------|--------|---------------|
| Rain(TOT) | From: 23/07/2008 12:18:00 To: 23/07/2008 13:36:00 | First: 0.0 Last: 0.0 | mm | Active | 6541 WLI Demo |
| Check Total(RAW) | From: 23/07/2008 12:18:00 To: 23/07/2008 13:36:00 | First: 0.0 Last: 0.0 | mm | Active | 6541 WLI Demo |
| AO Input(RAW) | From: 23/07/2008 12:18:00 To: 23/07/2008 13:36:00 | First: 54 Last: 67 | | Active | 6541 WLI Demo |
| RAW Analogue signal(RAW) | From: 23/07/2008 12:18:00 To: 23/07/2008 13:36:00 | First: 1345 Last: 1259 | mV | Active | 6541 WLI Demo |
| Water Level Instrument(RAW) | From: 23/07/2008 12:18:00 To: 23/07/2008 13:36:00 | First: 0 Last: 1366 | mm | Active | 6541 WLI Demo |

Loggers

File Edit View History Bookmarks Tools Help

http://neon.unidata.com.au/data-logger.aspx?id=119

Office Works Email & News IP PABX WA Education Internet Banking Investment Links Health Misc Neon

Neon System USB Modem Gmail - Inbox (4) - kevinamy@gmail.com

Unidata neon
Logged On: Kevin Chung Log Off

ALARM CONDITIONS

- 110 - Water Level Station # 1 : Water Level Station 1 Hi
- 34 - WSWSS49 : DataLate
- 60 - test : DataLate
- 61 - English Nature 1 : DataLate
- 62 - English Nature 2 : DataLate
- 64 - Hawthorn - NRT Temperature : DataLate (Ack'd)
- 119 - KMLKPSI : DataLate

Neon Network Add Node

- Unidata
 - CWR
 - Swingler Weir - Water Quality (L:1, R:2)
 - Demo Area
 - Demo Box
 - 6541 WLI Demo (L:1, R:1, A:1)
 - Fremantle
 - NRT Weather Station (L:1, A:1)
 - Department of Commerce
 - EMAI
 - EM Dairy No9 (L:1, R:1)
 - EM Main Building (L:1, R:1)
 - EM Main Meter (L:1, R:1)
 - Fox
 - FX Cook Rd Main (L:1, R:1, A:1)
 - FX Cooling Tower (L:1, R:1)
 - FX Forum (L:1, R:1)
 - FX Holdern (L:1, R:1)
 - FX Poste Rd Main (L:1, R:1)
 - Marsden Centre
 - MC Jesamine (L:1, R:1)
 - MC Kitchen (L:1, R:1)
 - MC Laundry (L:1, R:1)
 - MC Main Meter (L:1, R:1)
 - MC Phoenix (L:1, R:1)
 - Parliament House
 - PH Flusherette (L:1, R:1)
 - PH Main Meter (L:1, R:1)
 - SCG

Node: 6541 WLI Demo

Data Channels Node Details Automated Reporting Alarms Alarm Configuration Loggers Users Sub Nodes Help

Back To List

Configuration Parameters

ID Number: 72
 Logger Name: 6541 WLI DEMO
 Active:
 Logger Type: Unidata
 Node: ...6541 WLI Demo
 Cluster: Not Specified
 Data Storage: Local UTC

Communications

Nrt

NRT Serial Number: 2198
 Mobile No (Optional):
 NRT ID: 72
 IP Address: 123.208.106.246
 IP Port: 3900
 Comms Frequency: 0.00:01 (D.HHMM)
 Failed Comms: 2991
 Last Comms: 13:36 23/07/2008
 Estimated Next Comms: 15:28 25/07/2008
 Retry Attempts: 0
 Retry Wait Period: 00:00 (HHMM)

Cancel Save Delete

Internal Logger Ancillary Logger Commands

Scheme Files

XML File: Browse...
 LDR File: Browse...
 FPO File: Browse...
 Upload And Save

Scheme History Show Inactive Schemes

| Files | Status | Created | Uploaded |
|-------------|--------|---------------------|---------------------|
| DEMO_15.XML | Active | 23/07/2008 12:17:15 | 23/07/2008 12:17:16 |
| DEMO_15.LDR | Active | 19/02/2008 10:12:29 | 19/02/2008 10:12:33 |

Sensors

| Name | Data Kind | Data Manipulation | Presentation | Active |
|------------------|---------------|--------------------------------------|---|-------------------------------------|
| Rain(TOT) | Incremental | Multiply 5 Divisor 1 Offset 0 | Divisor 10 Format #0.0 Units mm | <input checked="" type="checkbox"/> |
| Check Total(RAW) | Incremental | Multiply 5 Divisor 1 Offset 0 | Divisor 10 Format #####0.0 Units mm | <input checked="" type="checkbox"/> |
| A0 Input(RAW) | Instantaneous | Multiply 2441406 Divisor 10000000 | Divisor 1 Format #####0 | <input checked="" type="checkbox"/> |

Temperature Channels

The screenshot displays the Neon System software interface. On the left, a tree view shows the 'Neon Network' structure, with 'NRT Weather Station (L-1, A:1)' selected. The main window is titled 'Node: NRT Weather Station' and contains the following information:

- ALARM CONDITIONS:** A list of various data channels including water level stations, test channels, and weather stations.
- Data Channels:** A tabbed interface with 'Node Details' selected.
- Sensor Name:** Temperature(AVG)
- Formula:** (Empty)
- Units:** Deg C
- Available Data:** From: 17/01/2008 09:01:00, To: 26/07/2008 17:00:24
- Logger Comms Schedule:** Frequency: 01:00:00 (D,HH:MM), Last: 17:00 26/07/2008, Next: 17:49 26/07/2008

Below the configuration, there are controls for 'Time' (1 Day, 2 Days, 1 Week), 'Display Mode' (Chart, Table), and checkboxes for 'Daily Summaries', 'DST Adjustment', and 'Manual Recordings'. The 'Start' and 'End' time ranges are set to 17:00 - 18:00 Hrs on 24/07/2008 and 26/07/2008 respectively.

At the bottom, a line chart displays 'Temperature(AVG) (Deg C)' on the y-axis (ranging from 6 to 21) against 'Time' on the x-axis (ranging from 18:00:00 on 24/07/08 to 12:00:00 on 26/07/08). The chart shows a clear diurnal temperature cycle with a minimum around 06:00:00 on 25/07/08 and a maximum around 12:00:00 on 26/07/08.

Compare Channels

File Edit View History Bookmarks Tools Help

Neon System USB Modem Gmail - Inbox (4) - kevinamy@gmail.com

Data Channels Node Details Automated Reporting Alarms Alarm Configuration Loggers Users Sub Nodes Help

Back To Data Channels List

Choose 2nd Channel to Compare - Node: NRT Weather Station Channel: Solar Radiation(AVG) - Active Clear 2nd Channel

| | |
|--|---|
| Sensor Name: Temperature(AVG) | Sensor Name: Solar Radiation(AVG) |
| Formula: | Formula: |
| Units: Deg C | Units: W/m2 |
| Available Data: From: 17/01/2008 09:01:00 To: 25/07/2008 15:00:24 | Data Times: From: 17/01/2008 09:01:00 To: 25/07/2008 15:00:24 |
| Logger Comms Schedule: Frequency: 01:00:00 (D.HH:MM) Last: 15:00 25/07/2008 Next: 15:49 25/07/2008 | Logger Comms Schedule: Frequency: 0 01:00 (D.HH:MM) Last: 15:00 25/07/2008 Next: 15:49 25/07/2008 |

Time: 1 Day 2 Days 1 Week Display Mode: Chart Daily Summaries DST Adjustment Manual Recordings

Start: 15:00 - 16:00 Hrs 24/07/2008

End: 15:00 - 16:00 Hrs 25/07/2008

Alarm Levels Data Points

Temperature(AVG) (Deg C)

Solar Radiation(AVG) (W/m2)

Time

Unidata
ENVIRONMENTAL MONITORING & INDUSTRIAL SECURITY

Data Tabular Display

The screenshot shows a web browser window displaying the Unidata application. The URL is <http://neon.unidata.com.au/node-data-channel.aspx?id=5072>. The page title is "Node: 6541 WLI Demo".

On the left, there is a navigation pane with "ALARM CONDITIONS" and "Neon Network". The "Neon Network" tree shows a hierarchy starting with "Unidata", followed by "CWR", "Demo Area", "Fremantle", "Department of Commerce", "Fox", "Marsden Centre", and "Parliament House".

The main content area displays the "Node: 6541 WLI Demo" details. It includes a "Data Channels" tab, a "Node Details" tab, and a "Channel" dropdown menu. The selected channel is "Water Level Instrument(RAW)".

Below the channel details, there are options for "Time" (1 Day, 2 Days, 1 Week), "Display Mode" (Chart, Table), and checkboxes for "Daily Summaries", "DST Adjustment", and "Manual Recordings".

The "Start" and "End" time ranges are set to "13:00 - 14:00 Hrs" for "21/07/2008" and "23/07/2008" respectively.

The data table below shows the following columns: Time, Value, and Units.

| Time | Value | Units |
|---------------------|-------|-------|
| 13:36:00 23/07/2008 | 1368 | mm |
| 13:35:00 23/07/2008 | 3153 | mm |
| 13:34:00 23/07/2008 | 3154 | mm |
| 13:33:00 23/07/2008 | 0 | mm |
| 12:39:00 23/07/2008 | 2102 | mm |
| 12:38:00 23/07/2008 | 2102 | mm |
| 12:37:00 23/07/2008 | 2102 | mm |
| 12:36:00 23/07/2008 | 2102 | mm |
| 12:35:00 23/07/2008 | 2102 | mm |
| 12:34:00 23/07/2008 | 3243 | mm |
| 12:33:00 23/07/2008 | 3243 | mm |
| 12:32:00 23/07/2008 | 3243 | mm |
| 12:31:00 23/07/2008 | 3243 | mm |
| 12:30:00 23/07/2008 | 3243 | mm |
| 12:29:00 23/07/2008 | 2064 | mm |
| 12:28:00 23/07/2008 | 2064 | mm |
| 12:27:00 23/07/2008 | 2064 | mm |
| 12:26:00 23/07/2008 | 2064 | mm |
| 12:25:00 23/07/2008 | 2064 | mm |
| 12:24:00 23/07/2008 | 2064 | mm |

Setup of Report Via Email and FTP

The screenshot shows the Unidata Neon System interface. On the left is a tree view of the Neon Network, with 'NRT Weather Station (L:1, A:1)' selected. The main panel is titled 'Node: NRT Weather Station' and has tabs for 'Data Channels', 'Node Details', 'Automated Reporting', 'Alarms', 'Alarm Configuration', 'Loggers', 'Users', 'Sub Nodes', and 'Help'. The 'Automated Reporting' tab is active, showing a table of reports.

| Report Name | Status | Data Channels | Report Format | Report Delivery | Report Times |
|------------------------|---------------------------------|---|---|--|---|
| Daily Temperature Data | <input type="checkbox"/> Active | Logger: 2 - WeatherSTN <input checked="" type="checkbox"/> Temperature(AVG) <input type="checkbox"/> Relative Humidity(AVG) <input type="checkbox"/> Solar Radiation(AVG) <input type="checkbox"/> Wind Speed Average(AVG) <input type="checkbox"/> Wind Direction(RAW) <input type="checkbox"/> Rain(TOT) <input type="checkbox"/> Rainfall Accumulation(RAW) Group By Parent Node: <input type="checkbox"/> | Format Type: Neon CSV File <input checked="" type="checkbox"/> Show Header | Delivery Type: File Transfer FTP Host: ftp.unidata.com.au Username: weather Password: | Frequency: Daily Hour of Day: 8:00 Hrs Minute of Hour: 00 |

Loggers in Clusters for Easier Management

The screenshot shows the Unidata Neon System web interface. The browser window title is 'Neon System'. The page header includes the Unidata logo and the text 'Logged On: Kevin Chung | Log Off'. The left navigation menu has 'ALARM CONDITIONS' and 'Logger Clusters' highlighted. The main content area is titled 'Logger Clusters' and contains a table of logger clusters.

| Cluster Description | Created On |
|---------------------|---------------------|
| SW1LPP | 08/07/2008 16:52:51 |
| SW5LPP | 11/12/2007 18:22:43 |
| SW100LPP | 06/12/2007 15:38:20 |
| SW10LPP | 25/10/2007 15:21:30 |
| GPRS_15MIN | 10/09/2007 18:22:48 |
| GPRS_1MIN | 10/09/2007 18:21:07 |

Automated Reporting Summary

File Edit View History Bookmarks Tools Help

Neon System

Unidata

neon
Logged On: Kevin Chung Log Off

Help

ALARM CONDITIONS

- 117 - Water Level Station # 2 : Water Level Station 2 HI
- 34 - WSWSS49 : DataLate
- 60 - test : DataLate
- 61 - English Nature 1 : DataLate
- 62 - English Nature 2 : DataLate
- 64 - Hawthorn - NRT Temperature : DataLate (Ack'd)
- 119 - KMWLKP51 : DataLate

Neon Network
Logger Clusters

System Reporting

- Billing Usage Report
- Automated Reporting Summary
- System Administration
- Log Off

Automated Reporting Summary

Select Node
All

| Report Name | Node | Group Report | Active | Format | Delivery | Frequency | Next Run Time |
|---|--------------------------------|--------------|--------|------------------|---------------|-----------|---------------------|
| CWR FTP | Swingler Weir - Water Quality | No | Yes | Neon CSV File | File Transfer | 4 Hours | 26/07/2008 23:00:18 |
| CWR Report | Swingler Weir - Water Quality | No | Yes | Neon CSV File | Email | Daily | 27/07/2008 08:00:18 |
| Daily Data Email Report | 6541 WLI Demo | No | No | Neon CSV File | Email | 1 Hour | 23/07/2008 15:00:03 |
| daily_report | Corrosion Monitoring SAT | No | Yes | Neon CSV File | Email | 1 Hour | 26/07/2008 17:15:18 |
| Daily Station #2 | Water Level Station # 2 | No | Yes | Neon CSV File | Email | Daily | 26/07/2008 09:00:21 |
| Daily: Station #1 | Water Level Station # 1 | No | Yes | Neon CSV File | Email | Daily | 26/07/2008 09:00:21 |
| Daily: Station #3 | Water Level Station # 3 | No | Yes | Neon CSV File | Email | Daily | 26/07/2008 09:00:20 |
| Daily: Station #4 | Water Level Station # 4 | No | Yes | Neon CSV File | Email | Daily | 26/07/2008 09:00:20 |
| DOC | FX Cooling Tower | No | Yes | DOC Format | Email | Daily | 27/07/2008 08:00:25 |
| DOC | FX Poate Rd Main | No | Yes | DOC Format | Email | Daily | 27/07/2008 08:00:20 |
| DOC | MC Phoenix | No | Yes | DOC Format | Email | Daily | 27/07/2008 08:00:25 |
| gavtest | gavins test nrt | No | Yes | Neon CSV File | Email | 1 Hour | 26/07/2008 05:05:18 |
| Johns Neon | Hawthorn Bank | No | Yes | Neon CSV File | Email | Daily | 26/07/2008 12:00:16 |
| McNab Creek Water Level Station | McNab Creek | No | Yes | Neon CSV File | Email | Daily | 27/07/2008 00:00:18 |
| Neon Test | Patricia Creek | No | Yes | Generic CSV File | Email | Daily | 27/07/2008 00:00:20 |
| NEON-MikeTest | Patricia Creek | No | Yes | Generic CSV File | Email | Daily | 27/07/2008 00:00:20 |
| nhc Neon Station 1 | Ksi Sgasginist (nhc Neon 1) | No | Yes | Neon CSV File | Email | Weekly | 28/07/2008 05:00:11 |
| nhc Neon Station 2 | Upper Gwinhata'al (nhc Neon 2) | No | Yes | Neon CSV File | Email | Weekly | 28/07/2008 05:00:11 |
| nhc Neon Station 2 | Anudol (nhc Neon 3) | No | Yes | Neon CSV File | Email | Weekly | 28/07/2008 05:00:12 |
| phil | SOH Concourse Ladies | No | Yes | Neon CSV File | Email | Daily | 27/07/2008 14:00:19 |

Security Model – Different Privileges For Different Users

The screenshot displays the Unidata Neon System Users web application. The interface is divided into a left-hand navigation pane and a main content area. The navigation pane includes sections for ALARM CONDITIONS, Neon Network, Logger Clusters, System Reporting, Communications Server, Data Store Server, System Administration, System Parameters, Security Groups, User List, Domain Management, Set My Password, and Log Off. The main content area is titled "Security Group Details" and shows configuration options for a "Standard User" group. The "Group" field is set to "Standard User", "Default Group" is checked, and "Privilege Type" is set to "All". Under "Security Privileges", there are three categories of options: "Data Options" (checked for Enable Data table to be exported, Enable Daily Summaries, Enable Data displayed as a chart, and Enable Data displayed as a table; unchecked for Fixed data period), "Node Access and Management" (checked for Access Node; unchecked for View Data Only, Logger Diagnostics, Time Series Configuration, Cluster Configuration, Advanced Alarm Configuration, Node Administration, User Administration, Access Any Node, and Alarm Configuration), and "System Administration" (unchecked for Help Content Editing and System Administration). Under "User Options", "Access Google Maps" and "Change Password" are checked, while "Logon as Anyone" is unchecked. A note below "Access Google Maps" states: "NOTE: Please check with your System Administrator that the appropriate Google Maps licence exists for your use". Buttons for "Save Changes", "Cancel Changes", and "Delete Group" are located at the top and bottom of the main content area. The top of the browser window shows the Unidata logo, the user is logged in as "System Administrator", and the "Help" link is visible.

Unidata System Integration Examples

Unidata Cathodic Protection Systems



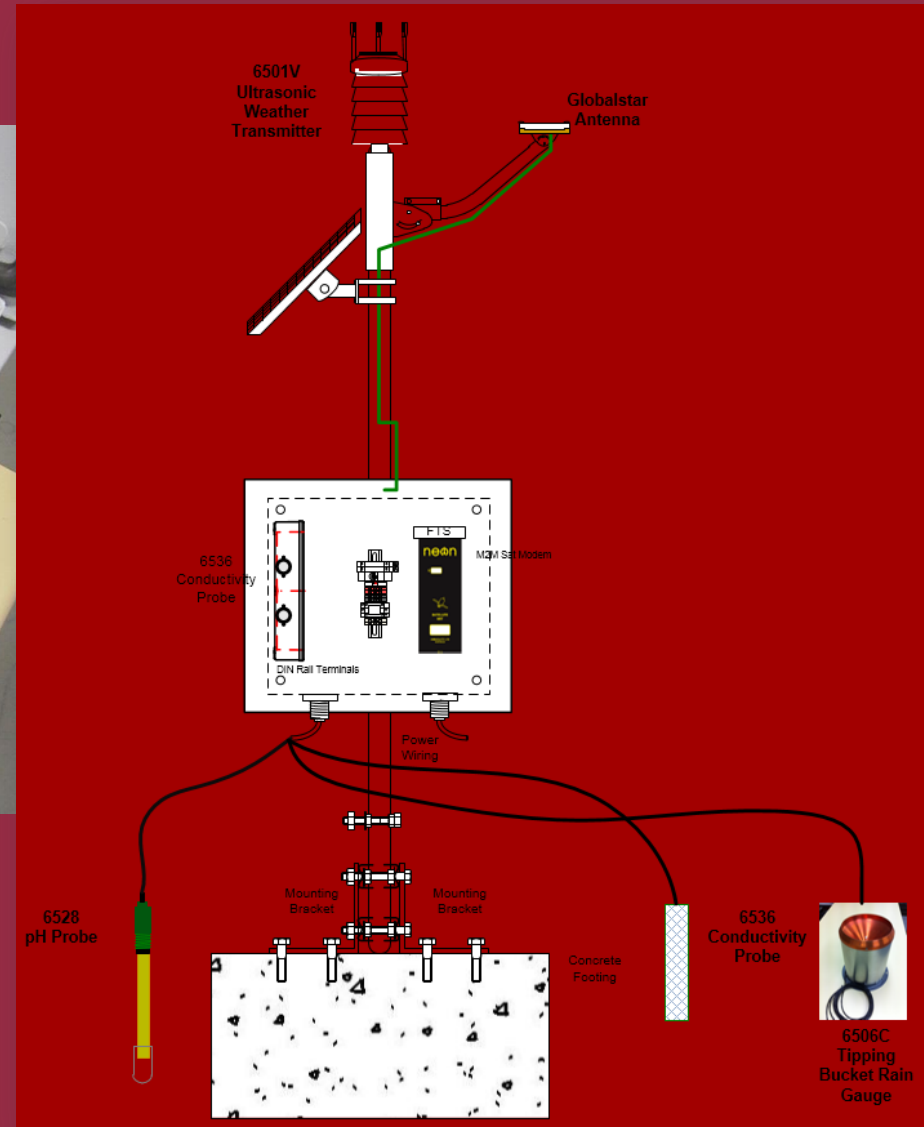
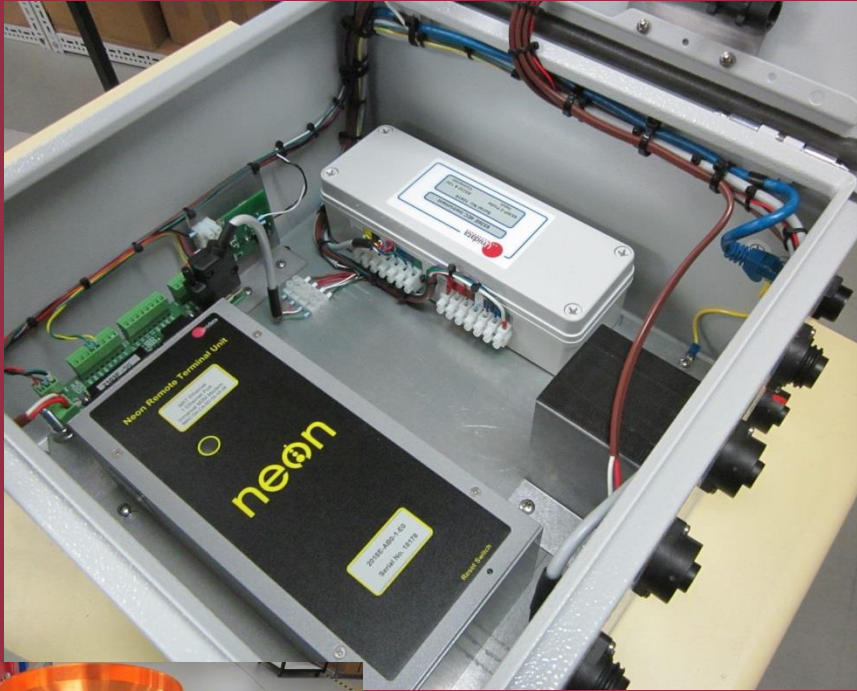
Unidata Cathodic Protection Systems



Unidata Cathode Protection Systems



Unidata Mine Rehabilitation Systems



Unidata Mine Rehabilitation Systems



Unidata Bore Hole Monitoring Systems

Satellite

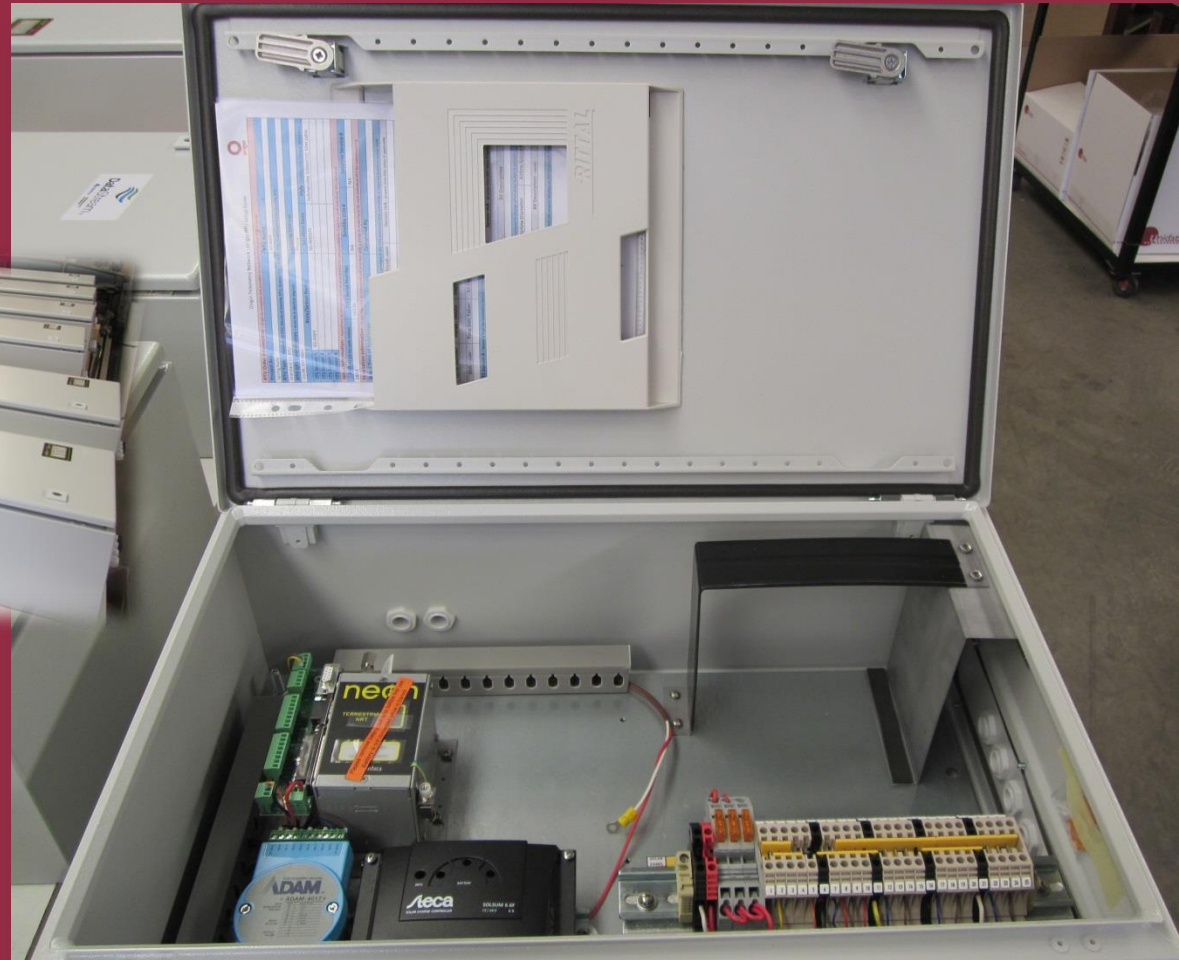


Unidata Bore Hole Monitoring Systems

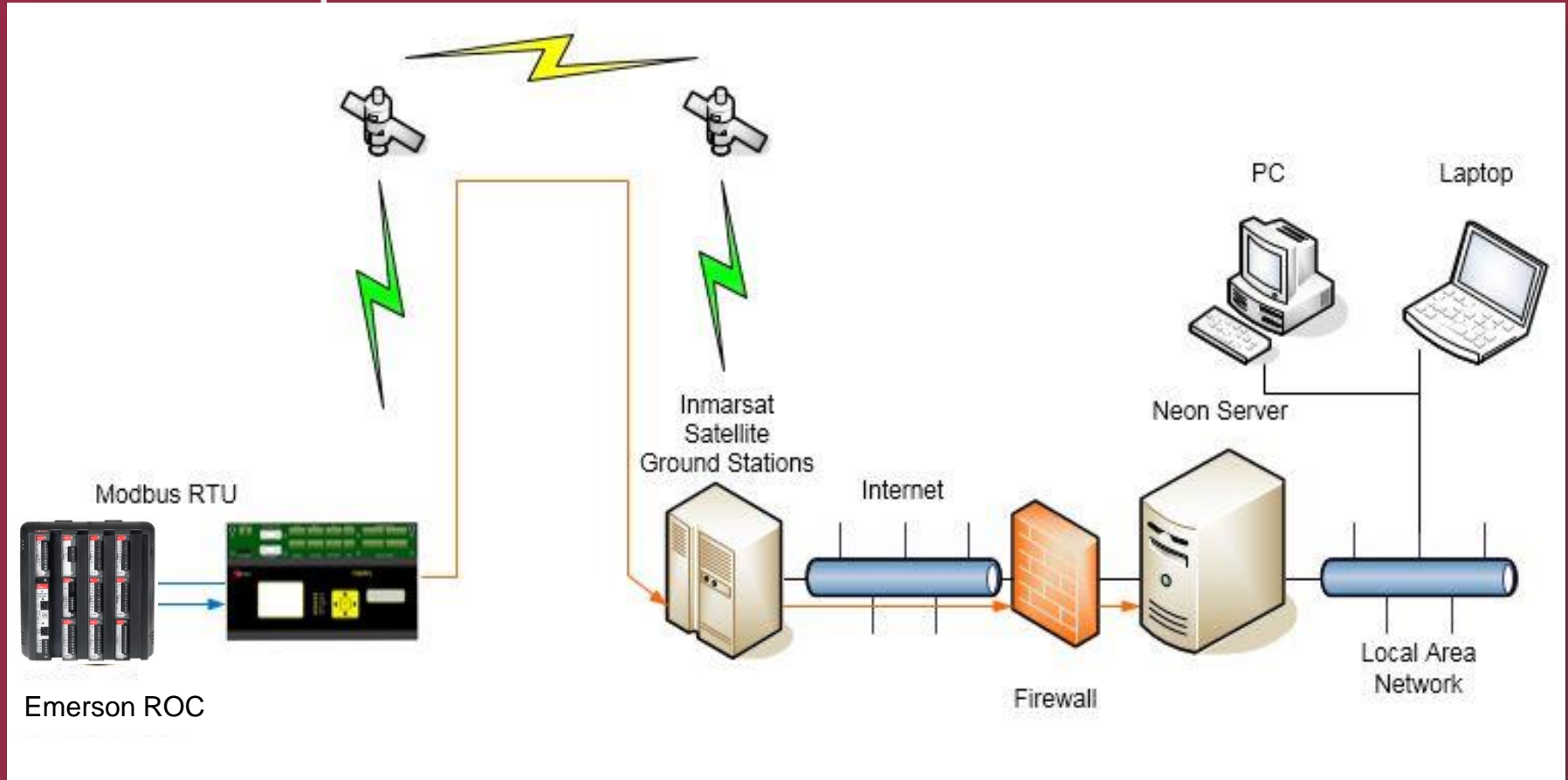
Satellite



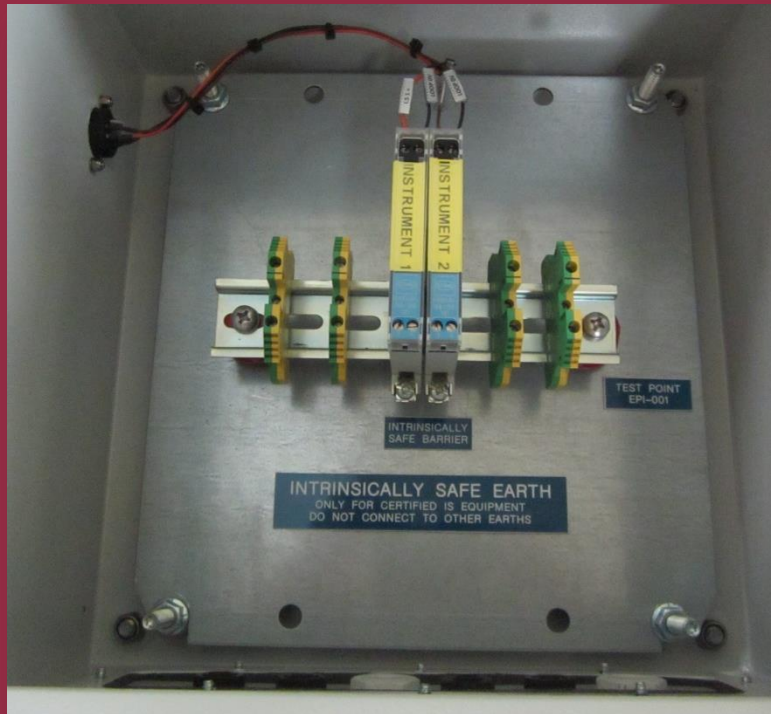
Unidata Bore Hole Monitoring Systems Cellular



Unidata Monitoring Systems for Coal Seam Gas Flow Computer Tier 1



Unidata Monitoring Systems for Coal Seam Gas Flow Computer Tier 1



Unidata Monitoring Systems for Coal Seam Gas Flow Computer Tier 2

