RADCOM (Technologies)

World Leading Specialists in the field of Water Management Systems

This User Manual covers :-

- **Radcom LoLog Flash loggers**

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Radwin Note on LoLog Flash User Notes

AMENDMENT RECORD

Doc Issue	Date of issue	Reason for change	Amended by
A		Original Issue	MP
B	14th Oct 2007	Up date to V44+	MM

Radwin Note on LoLog Flash
User Notes

=INTRODUCTION

In System Configuration of Radlog For Windows (See Setup Notes) it was set to use Single Identity,coms port ,required units and set logger default
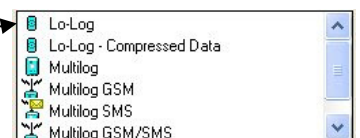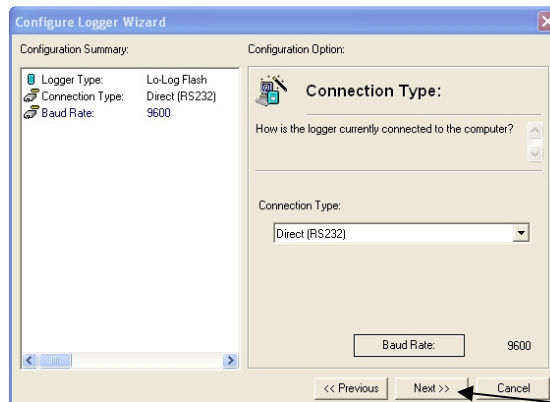Single Identity
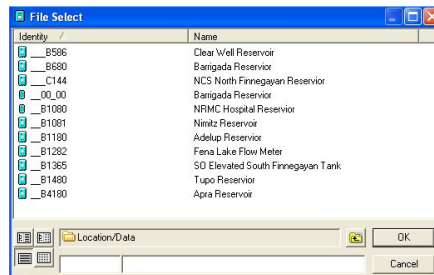
Setup a Logger in View Software
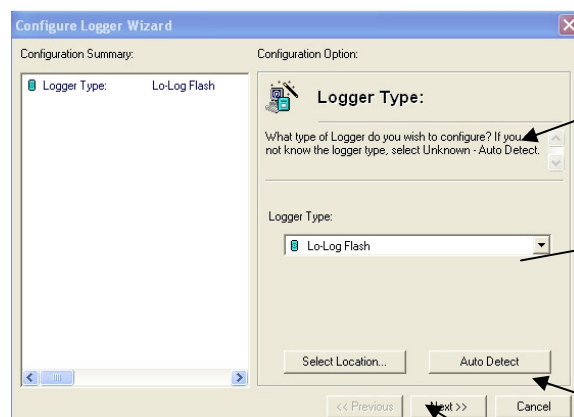
SELECT

This comment is what the software is doing
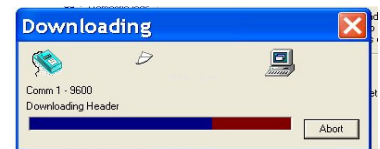

Select correct Logger type or Auto Detect

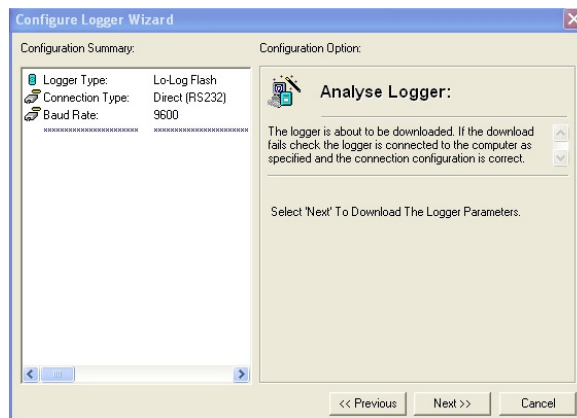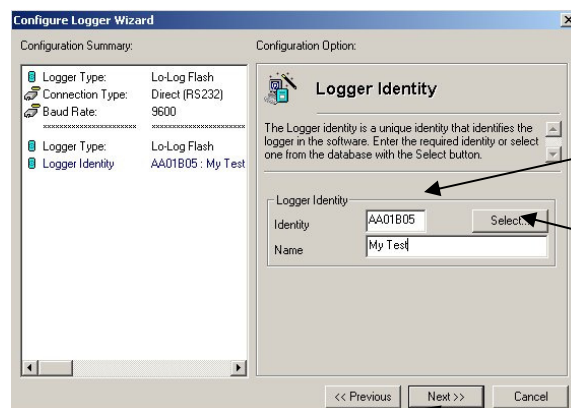**Select Next to Continue**
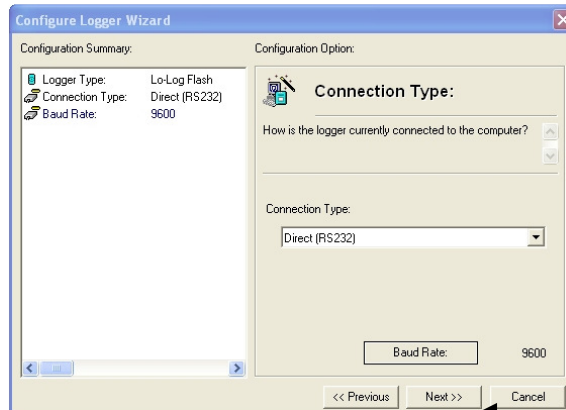
Check IR Head is on the Logger

Next

Next

Enter an Identity code up to 7 characters long
Then the name (of the test site)

If a site has been tested and you need to
retest you can select the same ID to add
a 2nd file

Direct is the only choice

**This must be enabled
To recorded this
channel**

Enable Flow

Radwin Note on LoLog Flash User Notes

Count
Event

Count is standard

Event used if low Pulse count

☑ Enabled   Power Save ▾

Count ▾   Standard ▾

Transducer

Digital (Flow) ▾   Configure...

Sensor Type:	Flow
Transducer Name:	
Units Per Pulse:	1.000000
Offset:	0.000000

Power Save
Continuous Power
Sensor Off

For a reed switch continuous power is used

Warning is given

Changed for high flows i.e. if more than 36 pulse per second

Standard
Every 2nd Pulse
Every 4th Pulse
Every 8th Pulse
Every 10th Pulse

To change litres Per

Flow Transducer

Sensor Type: Flow ▾

Transducer

Select: -- User Defined Transducer -- ▾   Remove

Enter/Edit Transducer

Name:

Units Per Pulse: 1.000000

Offset: 0.000000

Add to Select Transducer List

Help   OK   Cancel

You can type in any value

6" Helix 3000 - PU10 or LRP
PSM D 15mm
6" Helix 3000 - PD 100, PU100 or HRP
PSM 15mm
4" Helix 3000 - PU10 or LRP

New Transducer can be add to the list

Configure Logger Wizard

Configuration Summary:

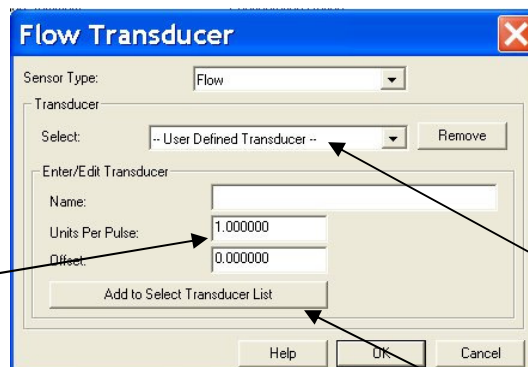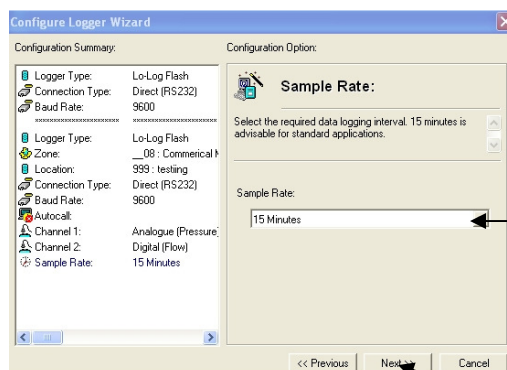|	
🔋 Logger Type:	Lo-Log Flash
Connection Type:	Direct (RS232)
Baud Rate:	9600
*************	**************
🔋 Logger Type:	Lo-Log Flash
Zone:	__08 : Commerical N
Location:	999 : testing
Connection Type:	Direct (RS232)
Baud Rate:	9600
Autocall:	
Channel 1:	Analogue (Pressure)
Channel 2:	Digital (Flow)
Sample Rate:	15 Minutes

Configuration Option:

Sample Rate:

Select the required data logging interval. 15 minutes is advisable for standard applications.

Sample Rate:

15 Minutes

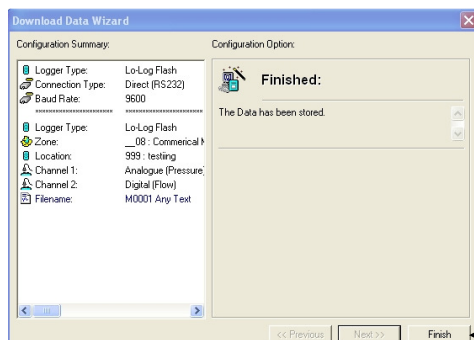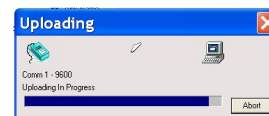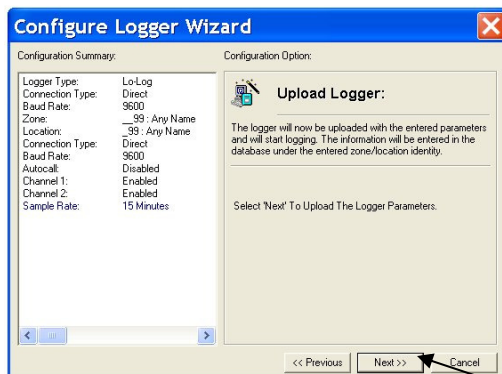**Select required sample rate**

<< Previous   Next >>   Cancel

If you leave this on the logger will start on 5 minute of the clock ,if 15mins on the ¼ Hour

You can check your set-up by scrolling up & down the Configuration Summary then Next

When finished process is complete

The logger can now be installed onto the main
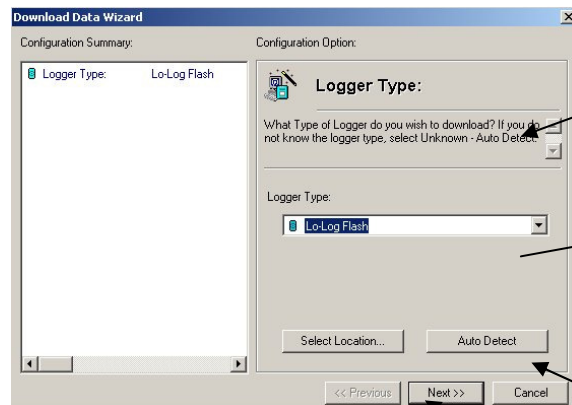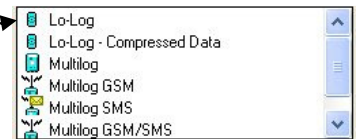After the test is completed the logger can be downloaded.

DOWNLOADING THE LOGGER

Download a Logger in View Software

SELECT
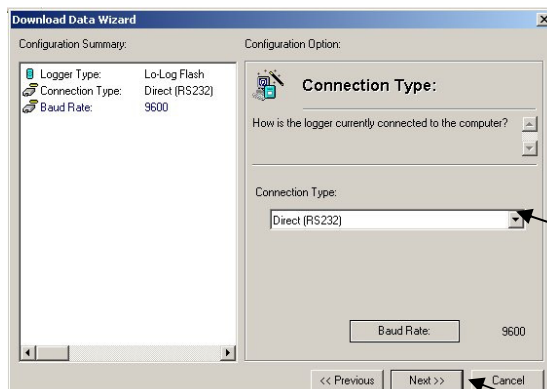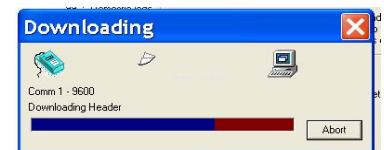
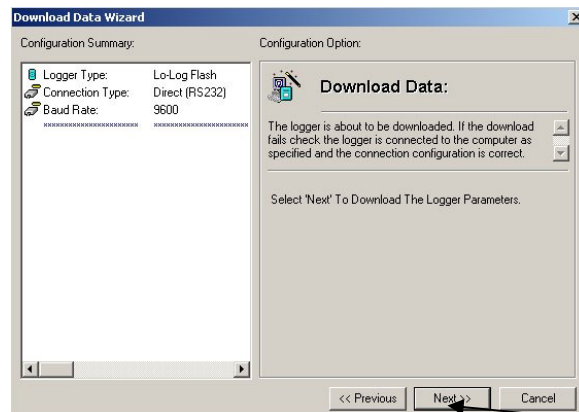This comment is what
the software is doing

Select correct Logger type
or Auto Detect

Select Next to
Continue

Direct is the only
choice

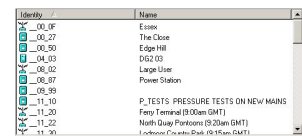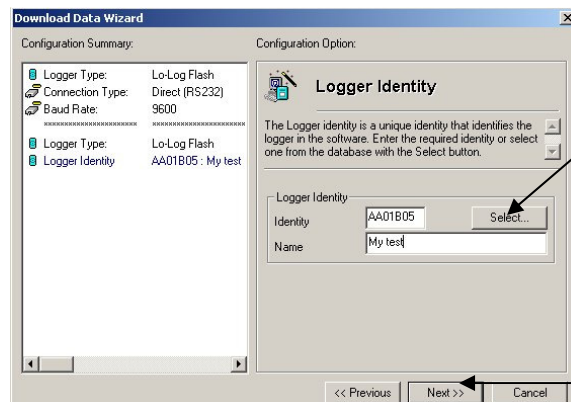If the Name are correct just press NEXT
To use an existing name from the list
Select required name from the list
Or add new Identity and name
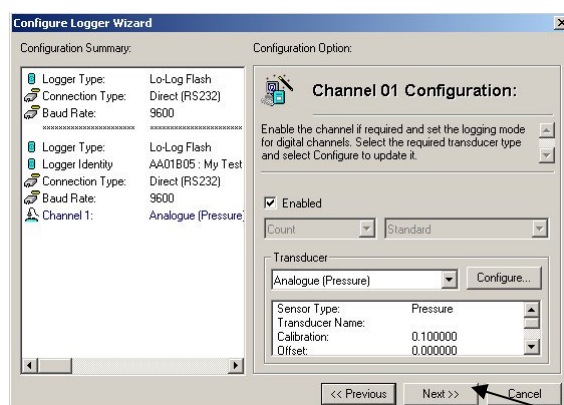
Configure Logger Wizard

Configuration Summary:

Logger Type:	Multilog SMS
Connection Type:	Direct
Baud Rate:	19200
Zone:	AA22 : Any Name
Location:	Q23 : Any Name
Telephone Number:	+447977256587
Channel 1:	Enabled
Channel 2:	Enabled

Configuration Option:

Channel 02 Configuration:

Enable the channel if required and set the logging mode for digital channels. Select the required transducer type and select Configure to configure it.

☑ Enabled   Power Save
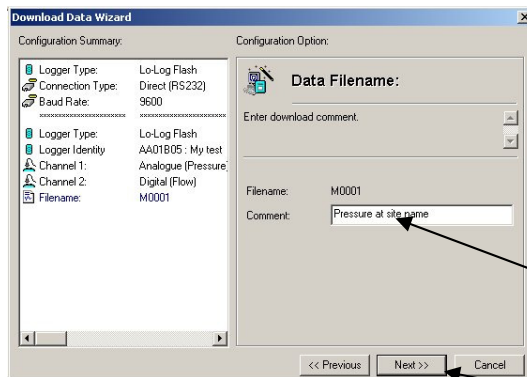Count   Standard

Transducer
Digital (Flow)   Configure...

Sensor Type:	Flow
Transducer Name:	
Units Per Pulse:	1.000000
Offset:	0.000000

<< Previous   Next >>   Cancel

Download Data Wizard

Configuration Summary:

Logger Type:	Lo-Log Flash
Connection Type:	Direct (RS232)
Baud Rate:	9600
*********************	*********************
Logger Type:	Lo-Log Flash
Logger Identity	AA01B05 : My test
Channel 1:	Analogue (Pressure)
Channel 2:	Digital (Flow)
Filename:	M0001

Configuration Option:
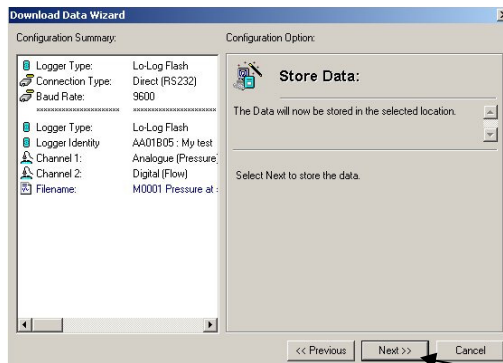
Data Filename:

Enter download comment.

Filename: M0001
Comment: Pressure at site name

<< Previous   Next >>   Cancel

A comment can be entered up 40 Chars long

Download Data Wizard

Configuration Summary:

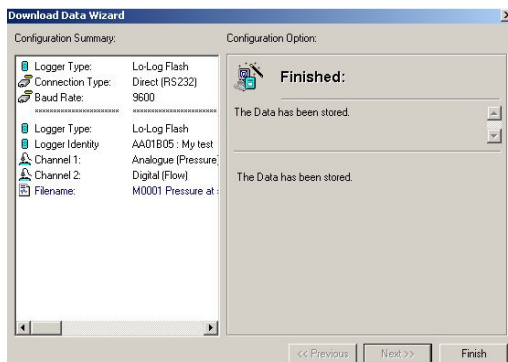|	
Logger Type:	Lo-Log Flash
Connection Type:	Direct (RS232)
Baud Rate:	9600
*********************	*********************
Logger Type:	Lo-Log Flash
Logger Identity	AA01B05 : My test
Channel 1:	Analogue (Pressure)
Channel 2:	Digital (Flow)
Filename:	M0001 Pressure at :

Configuration Option:

Store Data:

The Data will now be stored in the selected location.

Select Next to store the data.

<< Previous   Next >>   Cancel

Download Data Wizard

Configuration Summary:

Logger Type:	Lo-Log Flash
Connection Type:	Direct (RS232)
Baud Rate:	9600
*********************	*********************
Logger Type:	Lo-Log Flash
Logger Identity	AA01B05 : My test
Channel 1:	Analogue (Pressure)
Channel 2:	Digital (Flow)
Filename:	M0001 Pressure at :

Configuration Option:

Finished:

The Data has been stored.

The Data has been stored.

<< Previous   Next >>   Finish

The graph will automatical be produced