



Data Logger Network Options

Why Network

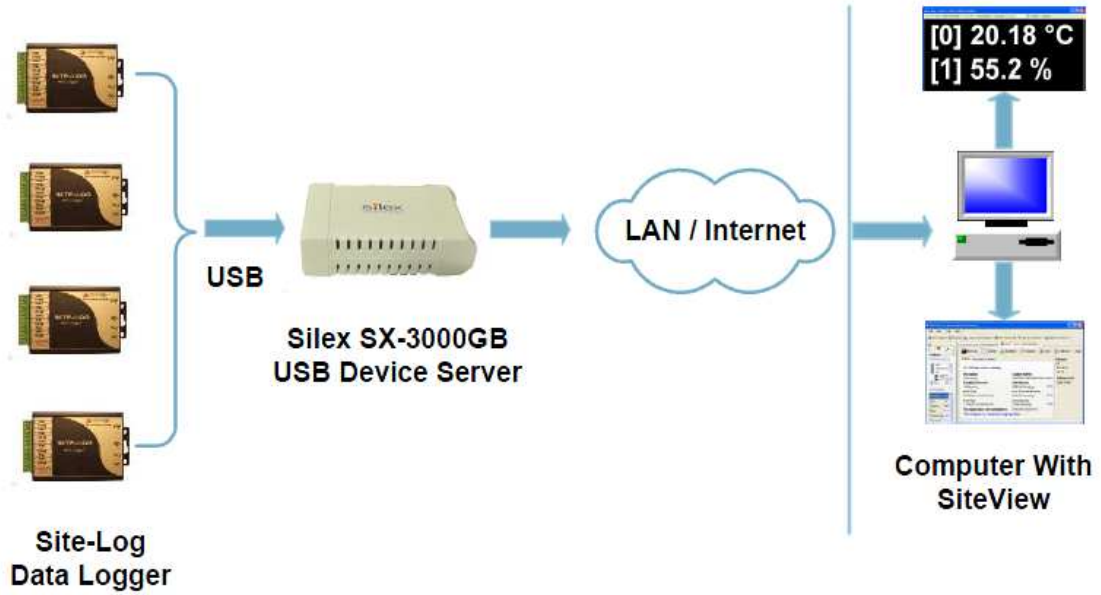
- **Remote Access:**
The data logger can be visited by any computer which has network access.
- **Multiple loggers can be accessed simultaneously.**
The data loggers can be accessed by multiple computers or multiple Connections on the same computer.
- **Eliminates concerns over battery and/or data loss.**
The data loggers are powered by the Device Server and the on-board battery becomes the backup power.
- **Download data anytime eliminating memory overload**
Data can be downloaded to the computer anytime before the memory is full.

Ways To Network

1. With Off-The-Shelf USB Device Server:

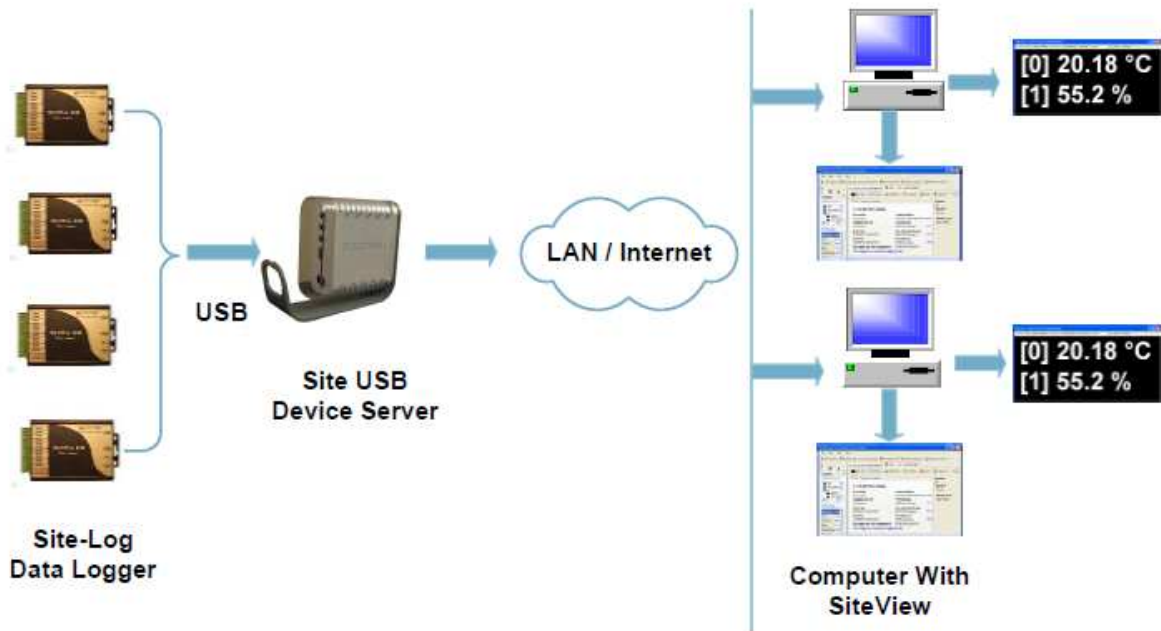
Since Site-Log data logger has an on-board USB port, it is easy to use an USB Device Server to let a remote Site-Log become local to the computer.

There are several USB Device Servers available in the market. Selix SX-3000GB Gigabit USB Device Server is the one we have tested and recommend customers to use for its easy installation, configurations and support of 15 USB devices with one SX-3000GB.



2. With Site USB Device Server:

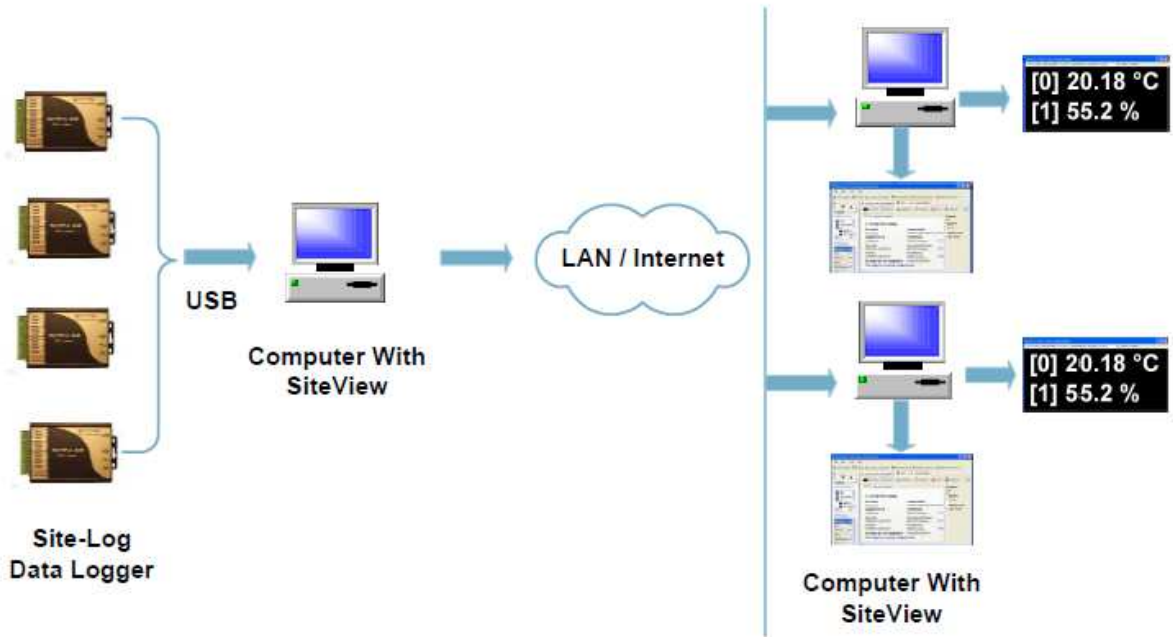
Site USB Device Server not only supports multiple data logger accesses but also allow multiple clients visit data loggers simultaneously.



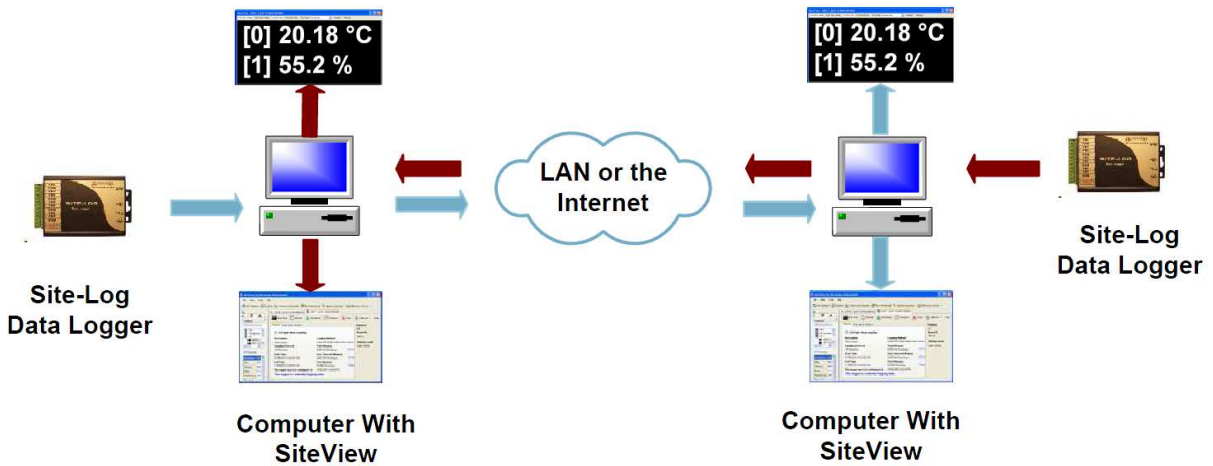


3. With Computer as USB Device Server:

SiteView software has the functionality to perform as a USB Device Server. Other computers can visit the Server computer just like they visit Site USB Device Server.



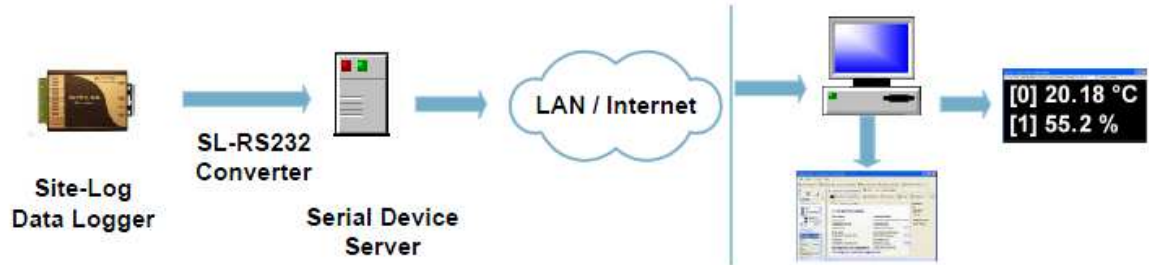
A computer can be a client and a server at the same time, thus a visiting computer can be visited by other computers.





4. With Ethernet-Serial Converter (Serial Device Server):

A third-party Ethernet-Serial Device Server can be configured as a server, making the logger accessible by SiteView.



Features:

1. Downloading Data

Download data anytime anywhere.





2. Configuring New Sessions

Configure for the new logging session anytime anywhere:





Logger Configuration S/N: 020401000400

General | Alarm and Excitation

Description: New Logger

Time To Start: 11/06/2011, 10:15:16 AM

Current Time: 11/06/2011 11:25:40 AM

Sampling Interval: 10 Seconds

Time To End: 10/10/2011, 4:07:16 PM

On-Board LED:
 Light When Sampling

When Memory Full:
 Stop Logging
 Continue Logging

Total Time Span:
 Years: 0 Months: 4 Days: 1
 Hours: 5 Minutes: 52 Seconds: 0

Memory Usage: 100.00%

Real-Time:

Channel #	Reading	Unit

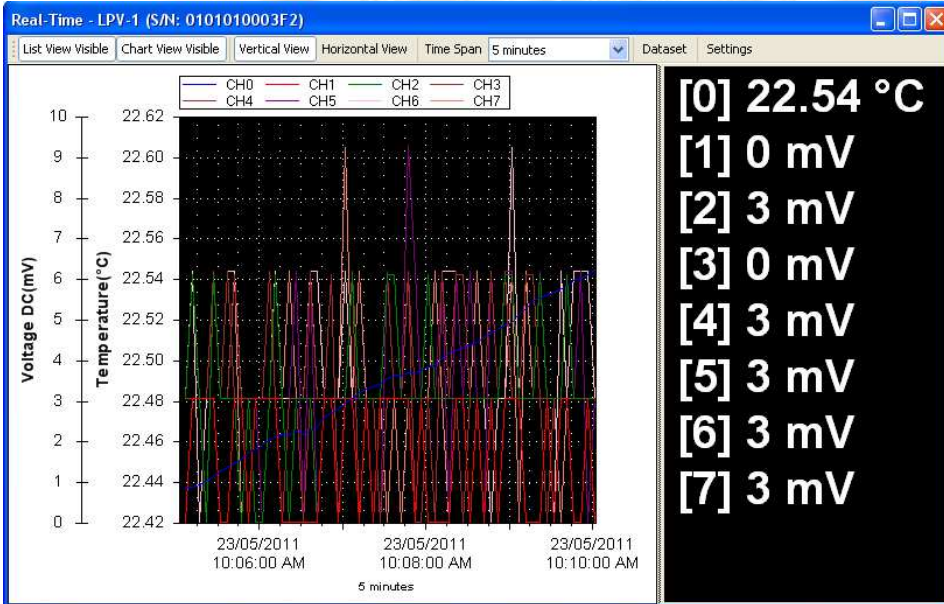
Channels: Custom Channel Actions: + - ↑ ↓

Channel #	Channel Type/Input Range	Enabled	Description	Equation	Cal: Low	Cal: High
0	Temperature	<input checked="" type="checkbox"/>	CH0	Temperature [Temperature]	0	0
1	Humidity	<input checked="" type="checkbox"/>	CH1	RelativeHumidity [RelativeHumidity]	0	0

Buttons: Help, Real-Time, Apply, OK, Cancel

3. Real-Time Monitoring

Monitor the logger anytime anywhere:



4. Receiving Alarm Notification:

All data loggers report alarm notifications to SiteView when SiteView has Alarm Centre opened:

Date/Time	Connection	Logger	Sequence No.	Event	Alarm Detail	Action
13/10/2010, 4:52:48 PM	SiteLog Logger	010101-001203	1	Alarm cleared	CH0: No alarm CH1: No alarm CH2: No alarm CH3: No alarm CH4: No alarm CH5: No alarm CH6: No alarm CH7: No alarm	No action
13/10/2010, 4:53:24 PM	SiteLog Logger	010101-001203	2	Report alarm	CH0: High alarm CH1: No alarm CH2: No alarm CH3: No alarm CH4: No alarm CH5: No alarm CH6: No alarm CH7: No alarm	Play music
13/10/2010, 4:53:58 PM	SiteLog Logger	010101-001203	3	Alarm cleared	CH0: No alarm CH1: No alarm CH2: No alarm CH3: No alarm CH4: No alarm CH5: No alarm CH6: No alarm CH7: No alarm	Music stopped



Compare:

Options	Site USB Device Server	USB Device Server	Computer as Server	Ethernet-Serial Converter
Max. Loggers	25	Depends	No limit	1
Configuration Level	Plug-And-Play	Driver Installation	Easy	Not Easy
Wireless Option	Potential	Depends	Usually WiFi available	Depends on Model
Supplied by MEI	Yes	No	No	No
Cost	Low	Low	High	Low

Visit www.microedgeinstruments.com for details.

