

## Valuable Tool

Use standard database tools  
on LoggerNet data

### Overview

LNDB is an application that enables you to easily move data from a LoggerNet data cache into a database such as Microsoft SQL Server or MySQL. Then you can use industry-standard software to access and

query your data for reports. LNDB also comes with QuickReports, an application that allows you to generate simple reports from an LNDB database with just a few mouse clicks.

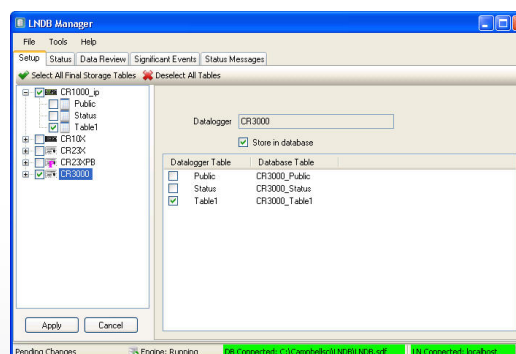
### Benefits and Features

- › Moves data from selected LoggerNet tables into a database
- › Imports data from a data file into a database table
- › Exports data from a database table into a data file
- › Includes QuickReports application to design simple reports from an LNDB database
- › Allows you to review database data
- › Monitors the LNDB Engine

### Technical Description

LNDB has two main components: LNDB Manager and LNDB Engine. LNDB Manager is used to set up a database and select the datalogger data tables that will be stored in the database. It also provides tools to monitor the LNDB Engine and to review the database data.

LNDB Engine runs as a service and sends the selected data from the LoggerNet data cache to the database. Additionally, LNDB includes utilities for importing and exporting data, and generating simple reports from your database data.



When a station is highlighted in the left tree, the station setup screen is shown. On the station setup screen, tables can be enabled/disabled for storage.

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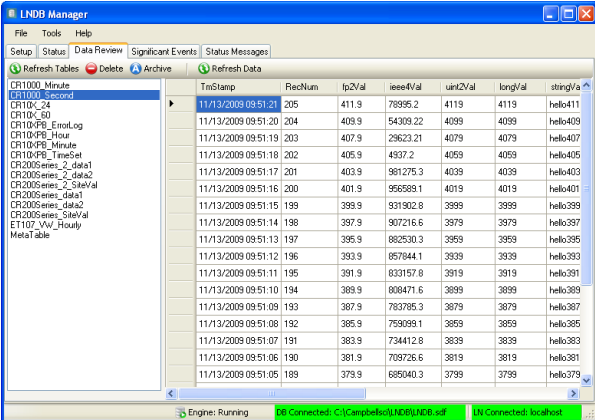
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## Specifications

- PC Operating System: Windows® 7 (32 and 64 bit), 8, Vista, or XP

## Supported Databases

- Microsoft® SQL Server® Express 2005 – 2014
- Microsoft® SQL Server® Compact 3.5 SP2
- MySQL 5.0 – 5.6 (with an appropriate 32-bit ODBC database driver; for example, MySQL 5.0 or 5.1 with MySQL 3.51.27 or 5.1.6 ODBC database driver\* or MySQL 5.6 with MySQL 5.3 ODBC database driver)
- May work with other versions of SQL Server Express, SQL Server Compact, or MySQL but they haven't been tested



The screenshot shows the LNDB Manager application window. The 'Data Review' tab is active, displaying a table of data. The table has columns for 'TrnStamp', 'RecNum', 'fp2Val', 'ieee4Val', 'uint2Val', 'longVal', and 'stringVal'. The data is organized into rows, with a table name selected in the left-hand pane.

Table Name	TrnStamp	RecNum	fp2Val	ieee4Val	uint2Val	longVal	stringVal
CR1000_Record	11/13/2009 09:51:21	205	411.9	78995.2	4119	4119	hello411
CR10K_24	11/13/2009 09:51:20	204	409.9	54309.22	4099	4099	hello409
CR10K_30	11/13/2009 09:51:19	203	407.9	29623.21	4079	4079	hello407
CR10KPB_ErrorLog	11/13/2009 09:51:18	202	405.9	4937.2	4059	4059	hello405
CR10KPB_Hour	11/13/2009 09:51:17	201	403.9	981275.3	4039	4039	hello403
CR10KPB_Minute	11/13/2009 09:51:16	200	401.9	956589.1	4019	4019	hello401
CR2005series_2_data1	11/13/2009 09:51:15	199	399.9	931902.8	3999	3999	hello399
CR2005series_2_data2	11/13/2009 09:51:14	198	397.9	907216.6	3979	3979	hello397
CR2005series_2_SiteVal	11/13/2009 09:51:13	197	395.9	882530.3	3959	3959	hello395
CR2005series_data1	11/13/2009 09:51:12	196	393.9	857844.1	3939	3939	hello393
CR2005series_data2	11/13/2009 09:51:11	195	391.9	833157.8	3919	3919	hello391
CR2005series_SiteVal	11/13/2009 09:51:10	194	389.9	808471.6	3899	3899	hello389
ET107_Viv_Hourly	11/13/2009 09:51:09	193	387.9	783785.3	3879	3879	hello387
MetaTable	11/13/2009 09:51:08	192	385.9	759099.1	3859	3859	hello385
	11/13/2009 09:51:07	191	383.9	734412.9	3839	3839	hello383
	11/13/2009 09:51:06	190	381.9	709726.6	3819	3819	hello381
	11/13/2009 09:51:05	189	379.9	685040.3	3799	3799	hello379

The Data Review tab shows tables and data from the database. When a table on the left side is selected, the data for the table is shown on the right side.

\*Earlier versions of 5.x ODBC database drivers for MySQL are not compatible with LNDB.



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