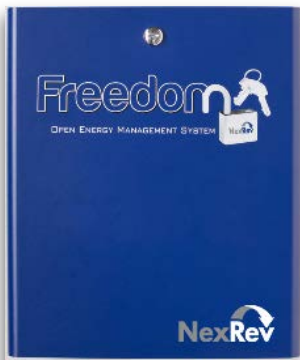# Freedom

Energy Management Systems That Don't Lock You In

NexRev's innovative Freedom Energy Management System family of products have reduced energy consumption and improved retail facility performance across the nation.

Developed for Multi-Site Companies with Small to Large Box Facilities
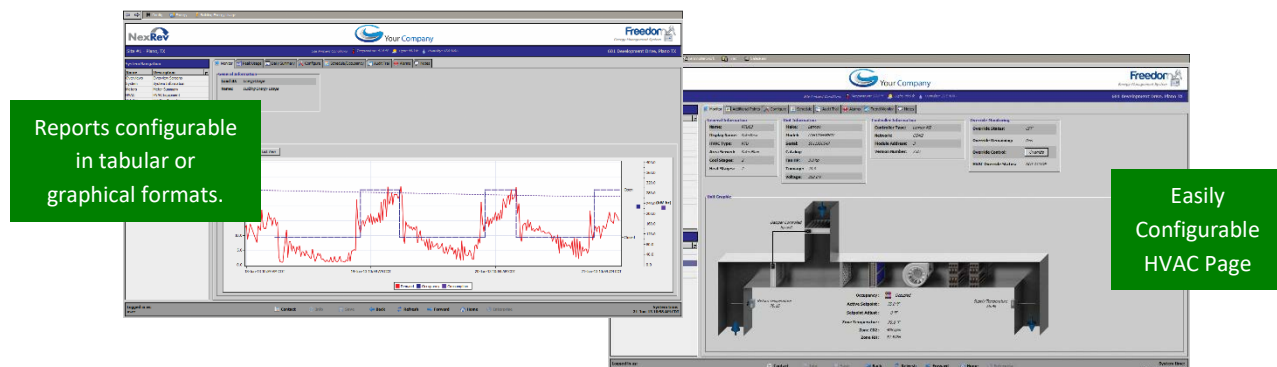The Freedom EMS is not just cost-effective and rich in features. It is built on the industry-standard Niagara platform, and provides NexRev customers with a truly open, non-proprietary system.

Freedom Advantages…

- ✓ Pay **no licensing fees**
- ✓ Common-sense software with **enterprise control and reporting** across all Freedom platforms
- ✓ Product and support **resources are 100% in-house**
- ✓ Deployments are **self-performed** with NexRev employed, trained, and certified technicians
- ✓ Provide **unique control features for Lennox units** (see back)

Freedom was developed to meet the **unique needs of multi-site retailers**, convenience stores, quick-service restaurants, casual dining companies, and entertainment venues.

Reports configurable in tabular or graphical formats.

Easily Configurable HVAC Page

Why NexRev?

NexRev builds hardware, writes software, has energy systems engineers, mechanical, electrical and electronics engineers. NexRev has its own in-house NOC and energy laboratory with full scale system testing. With over 20 years of national multisite experience and over 35,000 energy system deployments across the U.S., Mexico, and Canada, no one is more qualified to be your facility management resource.

Making Buildings Better Through Innovation

NexRev

Freedom

NexRev

How Freedom Delivers...

Additional Freedom Features...

- Monitor & Control sites from any computer using a Web browser

- User Interface is customizable to individual preferences

- Software upgrades are provided for no cost

- Manage sites with exception reporting on actionable items in real-time

- Customizable bulk controls, alarms, and energy data

- Determine system wide issues with aggregated analytical data

- Quickly adjust one, a group, or all of your sites with global setpoints and operating schedules

- Clear overrides with a single click or with a schedule

NexRev **protects the facility and minimizes spend** with our unique method of **connection to Lennox units**. Freedom's communication to the unit allows for access and control of the very important **ECTO parameters** within the unit factory controls.

Freedom **advantages** provided by this unique feature include the **ability to**:

- ◊ *Change the System Mode of the Rooftop Unit*
- ◊ *Log Error Codes along with associated Dates and Times they occur*
- ◊ *Remotely Reset Alarms as appropriate*
- ◊ *Adjust or customize settings for staging of cooling and heating*
- ◊ *Adjust or customize settings for economizer control (free cooling)*
- ◊ *Adjust or customize settings for CO2 Demand Ventilation Control (DCV)*
- ◊ *Standardize ECTO settings across all Lennox units*

The combination of **all these features** are not available through **other means of communication** such as BACnet, Lennox NCP, or other control manufacturer systems. A physical **site visit** would be required to accomplish most the above **without Freedom**.

The **Freedom line of EMS solutions** is designed to meet **various applications** and needs of customers, as indicated below.

Description	Freedom FLEX	Freedom Express	Freedom
Freedom Enterprise Dashboard	✓	✓	✓
Temp, RH%, CO2, Lighting	✓	✓	✓
Metering and Sub-Metering	✓	✓	✓
Demand Response and Control	✓	✓	✓
BACnet Communications	✓	✓	✓
Integrated Panel IO		✓	✓
Lennox Protocol, MODBUS, etc.		✓	✓
Custom Applications & Integration			✓
Distribution Centers, Corp HQ Offices			✓
Savvy Replacement Drop-In Retrofit			✓