



Clear intelligence

Extract intelligence from your building data and discover actionable insights to improve your operational efficiency. Identify, evaluate, and rank energy-wise and comfort-balancing opportunities to support your continuous optimization strategy. RC-Reporter[®] brings clarity to building performance analytics with readable, reliable, and rational reports, delivered automatically by email or integrated directly into your building control system.



Better by design



WWW.RELIABLECONTROLS.COM/RCR

PRODUCT FEATURES

Flexible Report Generation

- Build custom reports quickly by selecting and configuring Report Components.
- Select data and ranges from multiple RC-Archive® databases or import data from Excel spreadsheets.
- Report charts can be configured to be displayed in RC-Studio® System Groups.
- Run simple and complex queries to refine data used in report components.
- Apply standard math functions, transforms, and operators to data.
- Saved reports are stored securely on the RC-Reporter server.
- Reports can be easily exported to and imported from other RC-Reporter installations.
- Reports can be exported in PDF format.

Efficient User Administration

- Add, disable, and re-enable user accounts individually.
- Support for Microsoft Authentication/Active Directory integration.
- Users can reset their own passwords without admin intervention.
- Designate shared reports to be read-only or configurable by individual users.

Powerful Data Source and Point Management

- Quickly identify, locate, and connect to any number of RC-Archive instances.
- Automatically displays all available databases for access.
- Flexible, point-browsing user interface includes filtering by name mnemonic, unit, database, and more.
- Categories allow points to be organized and tagged easily and efficiently.
- External Files feature allows third-party data to be imported using CSV formatting.

Data Sets

- Create and save a named list of filtered data that dynamically updates and easily allows ranking and benchmarking analysis.

Sample Reports

- Customize the sample reports that ship with RC-Reporter to quickly create new, professional-looking reports.

Report Components

- **Date Range** – plots data against time with full flexibility of the sample period.
- **Contribution** – compares values for a configurable period, as either a pie chart or a column chart.
- **Correlation** – identifies how one point influences others using a scatter or column/line diagram.
- **Profile** – compares data from different time periods to identify patterns and anomalies.
- **Periodic** – compares multiple periods of time to observe changes in behavior and their impact.
- **Ranking** – helps you analyze the highest and lowest values within a data set, such as the top 10 hottest/coldest rooms or top 10 pieces of equipment with the greatest demand for electricity.
- **Raw Data** – displays a table of raw timestamps and values for a selected log over a configurable date range.
- **Number Editor** – provides an interactive control for adjusting a number value in a report (e.g. change the price of energy and see the resulting monthly cost impact).
- **Text** – opens a formatted text box to be entered using a WYSIWYG text editor. Adjust color, size, alignment, and style of font, and embed links to other reports or any webpage.
- **Image** – allows a .gif, .jpg, or .png image to be uploaded into the report (e.g. company logo). Images are scaled to fit, preserving aspect ratio, and centered within the component boundaries.

Distribution Schedules

- Share or schedule report distribution to any number of authorized users by broadcasting report links or PDFs to user-defined email recipient lists.

Identifier Selector

- Use this drop-down tool to select a data setpoint that refreshes the non-ranking components within a report.

License and Updates Subscription

- Licensing is limited by the number of unique active points used in reports.
- A subscription for 12 months of updates is included with the initial license purchase.
- Software continues to function regardless of subscription state.
- No penalty to renew expired subscriptions.
- Free trial version allows up to five unique points to be used for evaluation purposes.

TECHNICAL SPECIFICATIONS

Recommended Server Requirements

- All hardware rated for continuous server operation.
- Intel Xeon E3 3.10 GHz or later.
- Four cores must be available for RC-Reporter.*
- x64 system architecture.
- 16 GB RAM.
- Hardware RAID in a redundant performance configuration with 10K RPM SAS drives or better.
- 10 GB or higher hard disk space free, appropriate for archiving needs.
- Internet connection for software download and installation.
- Gigabit network interface card (server quality).
- Windows Server 2012 R2 Standard–Windows Server 2019.
- Microsoft SQL Server 2014 (x64)–Microsoft SQL Server 2019.
- RC-Archive 3.0 or later (purchased separately).
- Dedicated USB 2.0 Port for RC-Key licensing (soft license optional).
- Maximum configuration: 25 simultaneous users per server.

* When multiple products are installed on a single computer: two cores per product, plus at least two cores for the SQL database.

Browser Support

- Chrome (recommended).
- Microsoft Edge 83 or later.

ORDERING

RC-R3-100

- License allowing 100 unique points to be used in active reports.
- Comes with RC-Key (USB software key).

RC-R3-100A

- Adds 100 points to existing license (must have previously purchased RC-R3-100).
- Upon purchase of the twenty-fourth unit of RC-R3-100A, the license is tagged as a site license, equivalent to RC-R3-2500.

RC-R3-2500

- Site license allowing unrestricted number of unique points to be used in active reports.
- Comes with RC-Key (USB software key).

RC-R3-S100

- License allowing 100 unique points to be used in active reports.
- Comes with soft license (no USB software key required).

RC-R3-S100A

- Adds 100 points to existing soft license (must have previously purchased RC-R3-S100).
- Upon purchase of the twenty-fourth unit of RC-R3-S100A, the license is tagged as a site license, equivalent to RCR3-S2500.

RC-R3-S2500

- Site license allowing unrestricted number of unique points to be used in active reports.
- Comes with soft license (no USB software key required).

RC-R3-S

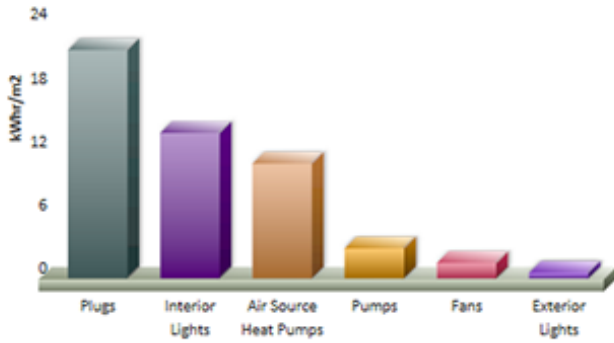
- Subscription for 12 months of online software updates.

SCREEN CAPTURES

Energy Density by System (kWhr/m2)

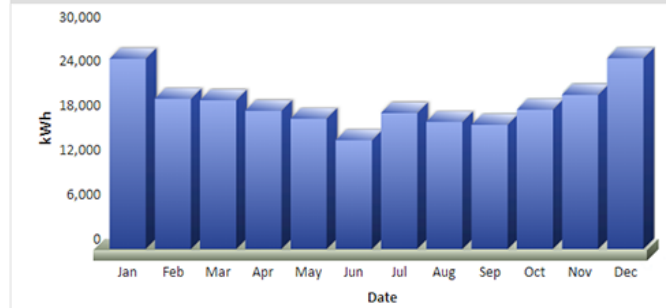


Date Range and Contribution components allow you to easily produce bar, pie, and line charts of building performance data.



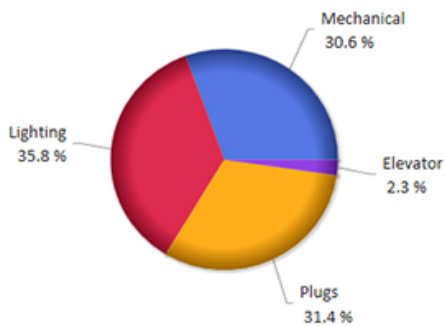
Contribution Component

Monthly Consumption



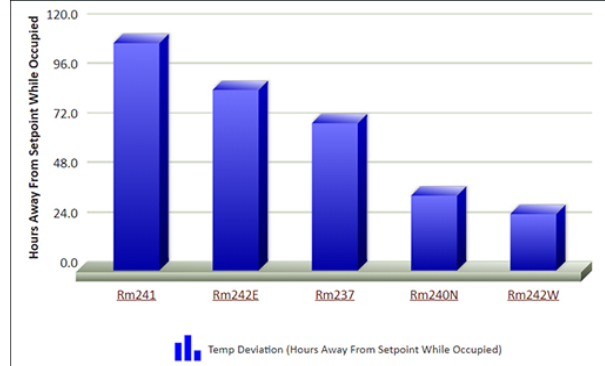
Date Range Component

kWh Breakdown - Heating Season



Contribution Component

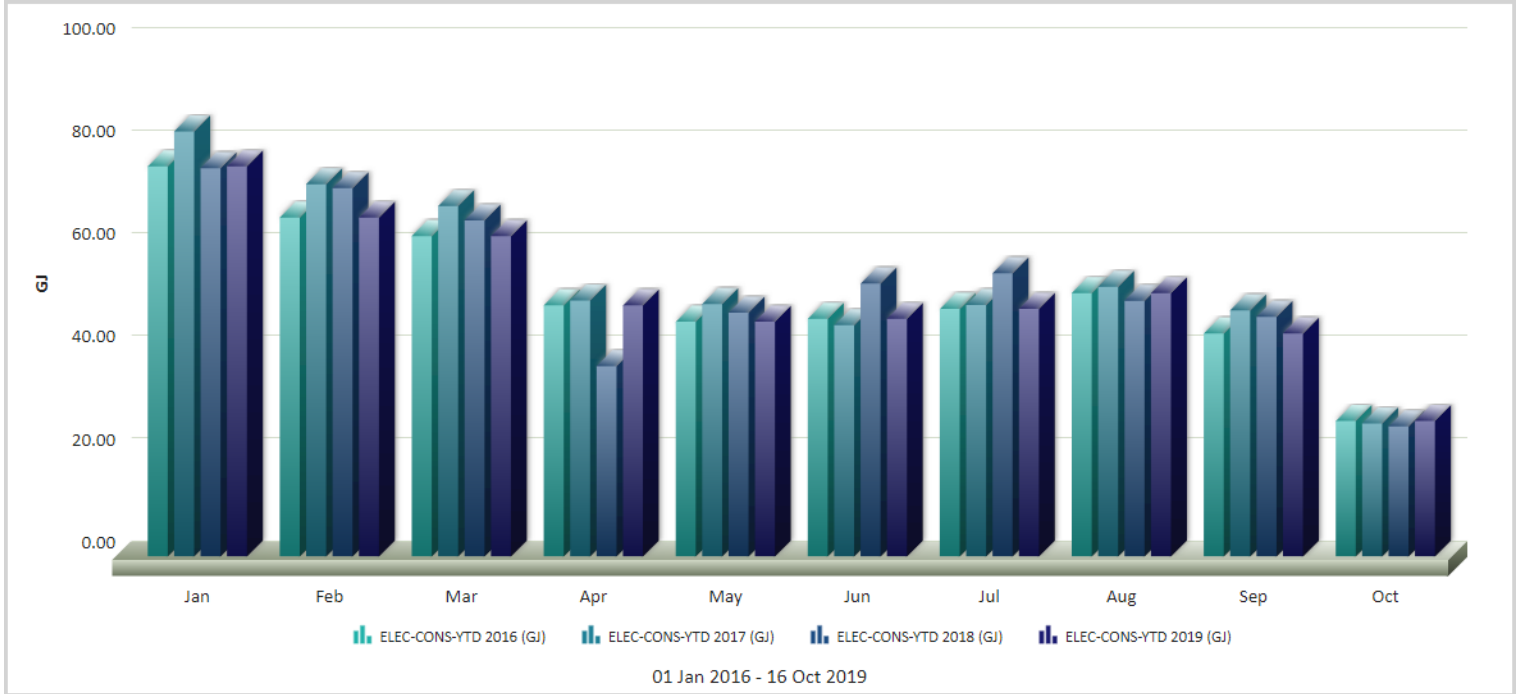
Room Temperature Deviation



Ranking Component

SCREEN CAPTURES

Electrical Consumption



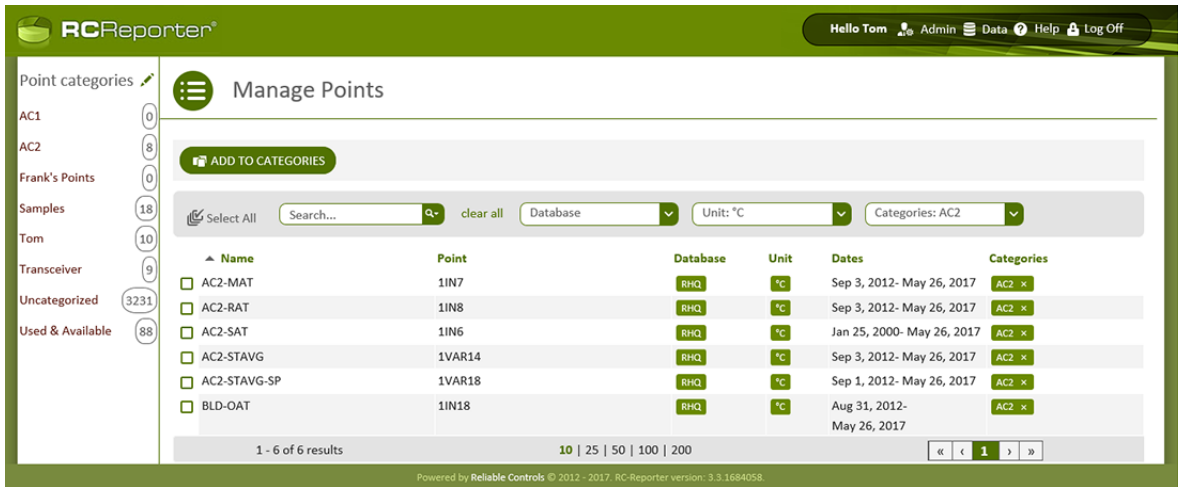
Periodic Component

Functions Abs Exp Int Log10 Log10-1 Ln Sqrt Hours Cycles	Value Average Count Delta Max Min Sum Value	Math + - * / ^	Conditional Where AND OR NOT = <> > >= < <= DOW DOM TIME
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Perform calculations through powerful SQL-like queries to display aggregates, exceptions, normalizations, and much more.

Powerful Query Capabilities

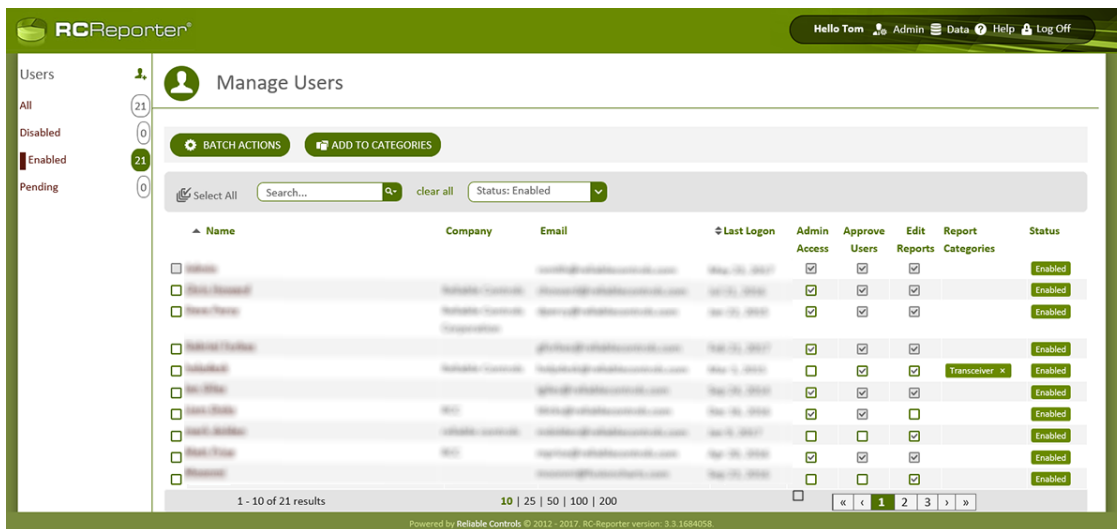
SCREEN CAPTURES



Manage Points menu showing existing points available for use in any component.



Powerful and intuitive filtering provides effective point retrieval and tagging.



Manage Users menu showing name, company, email, last logon, and access details.

SCREEN CAPTURES

RCReporter

Manage Distribution Schedules

BATCH ACTIONS ADD SCHEDULE

Schedule	Reports
<input type="checkbox"/> Every 1 Day(s) at 05:00AM	2017 RHQ LEED PERFORMANCE × +
<input type="checkbox"/> Every 1 Day(s) at 01:00PM	2017 RHQ LEED PERFORMANCE × +
<input type="checkbox"/> Every 1 Week(s) on Monday at 08:00AM	2017 RHQ LEED PERFORMANCE × +

Distribution Schedules allow users to email reports to any recipient list at any time or day and to customize the accompanying message.

Manage Distribution Schedules

Set Interval

Every WEEKS

on at

OK CANCEL

Dealer Information: