



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 MS-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 as a PDF.

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 3rd party data to be imported using CSV formatting.

Data Sets

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

Sample Reports

- Customize the sample reports that ship with RC-Reporter to quickly create your 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, either as a pie chart or as 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 against each other 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 ten hottest/coldest rooms or top ten 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, style of font and embed links to other reports or any other web page.
- **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 Set point which 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 better.
- 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 hard disk space free, or higher, appropriate for archiving needs.
- Internet connection for software download and installation.
- Gigabit Network Interface Card (server quality).
- Windows Server 2012 R2 Standard or greater.
- Microsoft SQL Server 2012 Express (for databases larger than 10GB, Microsoft SQL Server 2014 [x64] or greater).
- RC-Archive® 3.0 or higher (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) .
- Internet Explorer 11+.

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 24th 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 24th unit of RC-R3-S100A, the license is tagged as a site license, equivalent to RCR3-S2500.

RC-R3-S2500

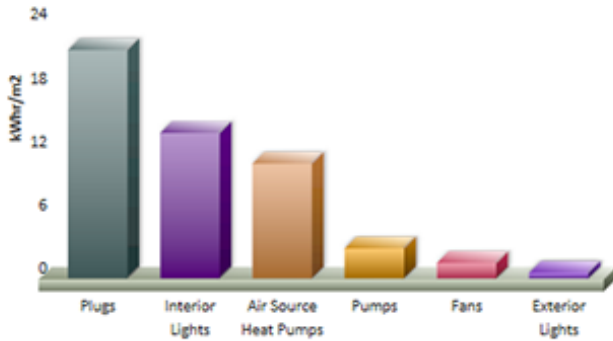
- Site license allowing unrestricted number of unique points to be used in active reports.
- Comes with soft license (no USB Software Key required).

RC-R3-S

- Subscription for 12 months of online software updates.

SCREEN CAPTURES

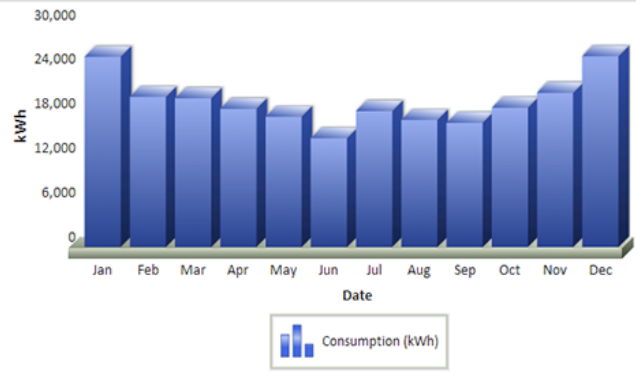
Energy Density by System (kWhr/m2)



Contribution Component

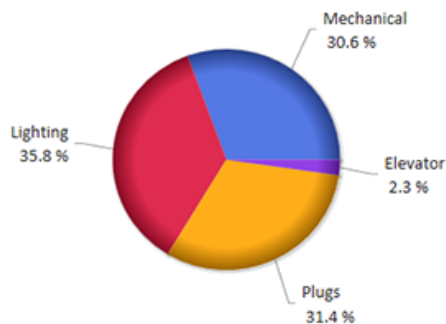
Date Range and Contribution components allow you to easily produce bar, pie, and line charts of building performance data.

Monthly Consumption



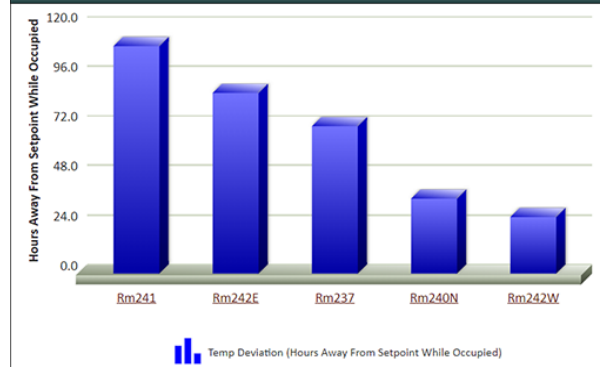
Date Range Component

kWh Breakdown - Heating Season



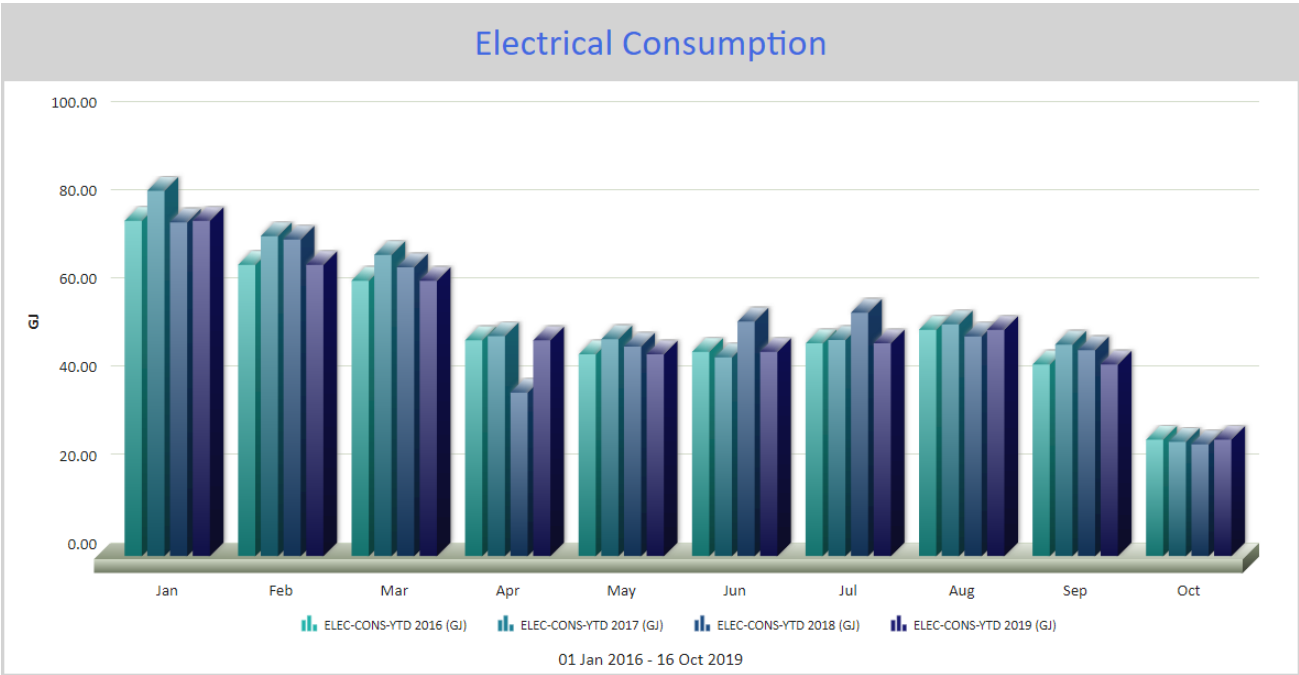
Contribution Component

Room Temperature Deviation



Ranking Component

SCREEN CAPTURES



Periodic Component

Functions

- Abs
- Exp
- Int
- Log10
- Log10-1
- Ln
- Sqrt
- Hours
- Cycles

Value

- Average
- Count
- Delta
- Max
- Min
- Sum
- Value

Math

- +
-
- *
- /
- ^

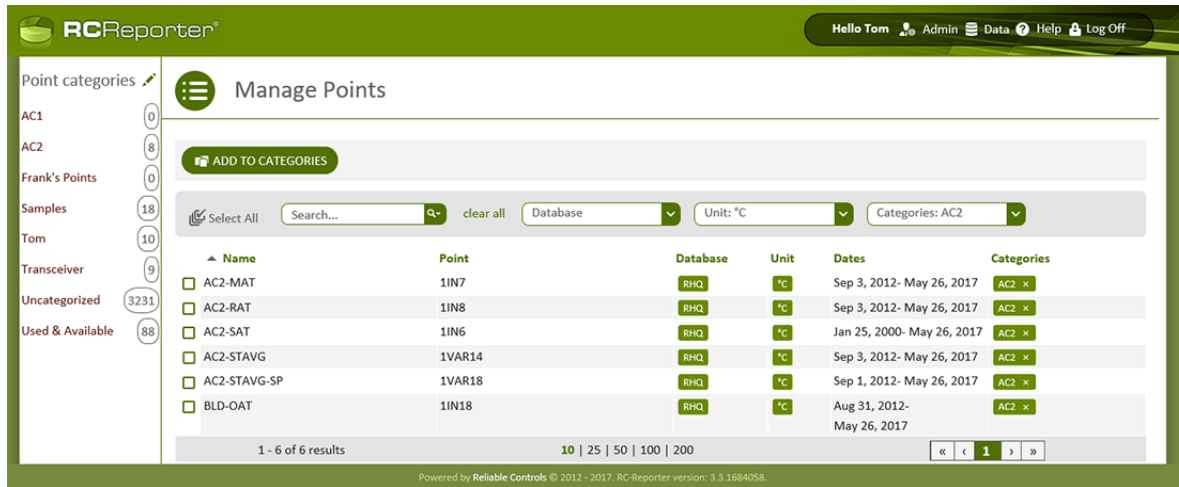
Conditional

- Where
- AND
- OR
- NOT
- =
- <>
- >
- >=
- <
- <=
- DOW
- DOM
- TIME

Perform calculations through powerful SQL-like queries to display aggregates, exceptions, normalizations and much more.

Powerful Query Capabilities

SCREEN CAPTURES



Manage Points

ADD TO CATEGORIES

Select All Search... clear all Database Unit: °C Categories: AC2

Name	Point	Database	Unit	Dates	Categories
☐ AC2-MAT	1IN7	RHQ	°C	Sep 3, 2012- May 26, 2017	AC2 x
☐ AC2-RAT	1IN8	RHQ	°C	Sep 3, 2012- May 26, 2017	AC2 x
☐ AC2-SAT	1IN6	RHQ	°C	Jan 25, 2000- May 26, 2017	AC2 x
☐ AC2-STAVG	1VAR14	RHQ	°C	Sep 3, 2012- May 26, 2017	AC2 x
☐ AC2-STAVG-SP	1VAR18	RHQ	°C	Sep 1, 2012- May 26, 2017	AC2 x
☐ BLD-OAT	1IN18	RHQ	°C	Aug 31, 2012- May 26, 2017	AC2 x

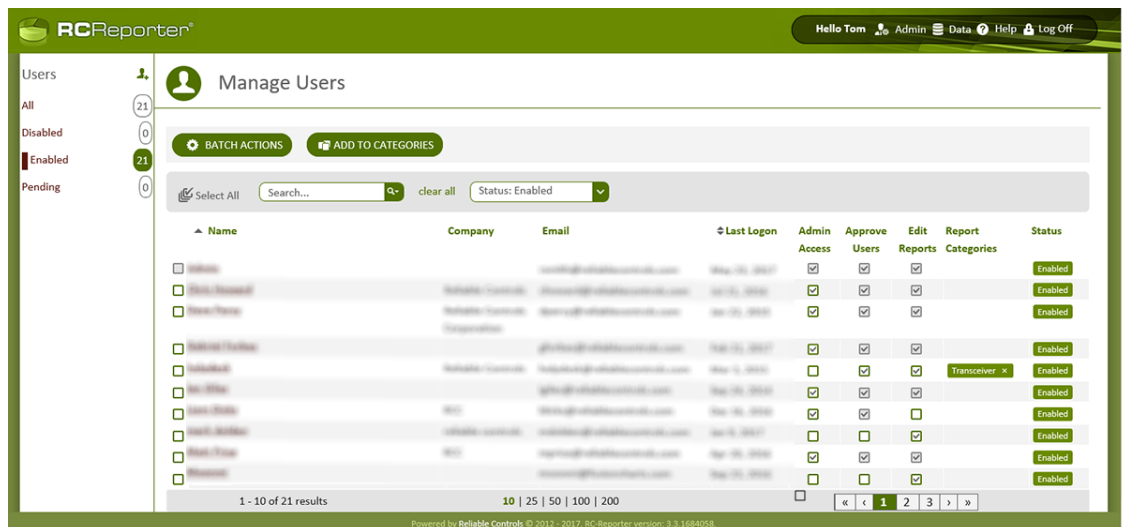
1 - 6 of 6 results 10 | 25 | 50 | 100 | 200

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



Select All Search... clear all Database Unit: Categories

Powerful and intuitive filtering provides effective point retrieval and tagging



Manage Users

BATCH ACTIONS ADD TO CATEGORIES

Select All Search... clear all Status: Enabled

Name	Company	Email	Last Logon	Admin Access	Approve Users	Edit Reports	Report Categories	Status
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled
☐ John	Reliable Controls	john@reliablecontrols.com	May 15, 2017	☒	☒	☒		Enabled

1 - 10 of 21 results 10 | 25 | 50 | 100 | 200

Manage Users menu showing Name, Company, Email, Last Logon, and Access Details

SCREEN CAPTURES



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

Manage Distribution Schedules

Set Interval

Every

1

WEEKS

on

M

T

W

T

F

S

S

at

8:00 AM

✓ OK

✗ CANCEL

Dealer Information:



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