remforce and WATERLOO MANUFACTURING
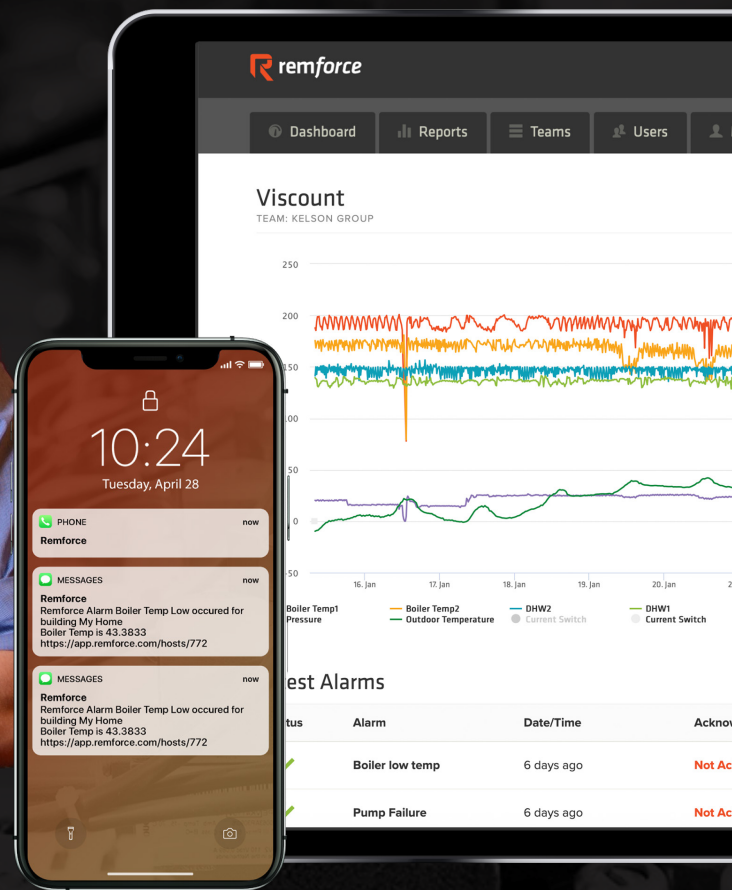COMPLETE BOILER ROOM SOLUTIONS

Take control of your boiler room & Never fear boiler failure again.

- 24/7 - 365 boiler monitioring and real time data
- Custom alarms notify you of a boiler failure
- Alarm notifications are sent via: Text or Email
- Gain crucial insight into how your boiler is running
- Identify boiler system deficiencies
- Use as a tool for preventative maintenance
- Extend boiler life by approximately 7-10 years

Failure Notification

Change your failure response strategy by getting notified, getting to the site and repairing the problem before anyone knows.

Notfications set via: Text or Email.

Extend your boilers life

Remote monitoring equipment enables optimization of older boiler systems, early failure detection and can be used to extend boiler life by 7 to 10 years. Delaying boiler replacement can lead to major capital investment savings.

Energy Efficiency

Remforce gives you real-time boiler data you need to make informed decisions and key optimizations.

Start saving today, call or email Waterloo Manufacturing: 1.800.265.8809 | wmc5@watmfg.com

RM2 Capabilities

6 Digital Outputs
Enables a range of control options: Control up to 6 external relays.

Modbus
Read/Write to Modbus registers
- Report fuel consumption
- Provide detailed fault info
- Modify the controller settings*

2 Relay Outputs
Enable direct on/off control

Example:
- Boiler
- Pumps

Back up Battery
Optional

remforce

RM2

Terminal labels (top row): GND | 3.3V | 12V OUT | DOUT-6 | DOUT-5 | DOUT-4 | DOUT-3 | DOUT-2 | DOUT-1 | RS485- | RS485+ | 12V IN | GND IN | N/C | RLY2 IN | RLY2 OUT | RLY1 IN | RLY1 OUT

Terminal labels (bottom row): DIN-1 | DIN-2 | DIN-3 | DIN-4 | DIN-5 | DIN-6 | DIN-7 | DIN-8 | 12V OUT | A8- | A8+ | A7- | A7+ | A6- | A6+ | A5- | A5+ | A4- | A4+ | A3- | A3+ | A2- | A2+ | A1- | A1+ | GND | 12V OUT

8 Discrete Ports
Monitor dry contacts, relays any on/off readings

Example:
- Low Water Cutout
- Boiler Lockout
- Fan Operation
- Pump Operation
- Leak Detection
- Current Switch
- Door sensor

8 Analog Ports
Customize your monitoring with any 4-20mA sensor (0-10V)

Example:
- Thermistor
- RTD
- Type-T Thermocouple
- Pressure
- Fluid Level
- Current

Connectivity
- 2G/3G
- LTE
- WiFi
- Bluetooth LE

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RM3 Capabilities

Internal Temperature Sensor
Monitor room's ambient temperature.

Modbus
Read Modbus registers.

RS485- RS485+ 12V IN GND IN

Back up Battery
Optional

remforce

RM3

DIN-1 DIN-2 DIN-3 DIN-4 DIN-5 DIN-6 DIN-7 DIN-8 12V OUT

A1- A1+ A2- A2+ A3- A3+ A4- A4+

8 Discrete Ports
Monitor dry contacts, relays any on/off readings.

Example:
- Low water cutout
- Boiler Lockout
- Fan operation
- Pump operation
- Leak detection
- Current switch
- Door sensor

4 Analog Ports
Customize your monitoring with any 4-20mA sensor.

Example:
- Temperature sensors
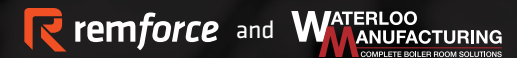- Pressure sensor
- Fluid level
- Current

Connectivity
- 2G/3G
- LTE
- WiFi
- Bluetooth LE

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Making Your Life Easier

remforce and **WATERLOO MANUFACTURING**
COMPLETE BOILER ROOM SOLUTIONS

24/7 monitoring
Know how your boiler is operating in real time. Reduce maintenance check ups and have peace of mind knowing you will be notified if a problem occurs.

Boiler Controls
- Warm weather shutdown
- Reset Control
- Modbus support
- Control up to 6 relays

Failure avoidance
Alarm notifications will send you a SMS or email within 15min of a failure occurring. Set up unlimited alarms for any of your parameters.

Energy savings
Real time monitoring of space heating equipment can help identify energy savings and identify operational deficiencies.

Teams
Create teams to manage a group of buildings, add users, analyze data and set alarms for your team.
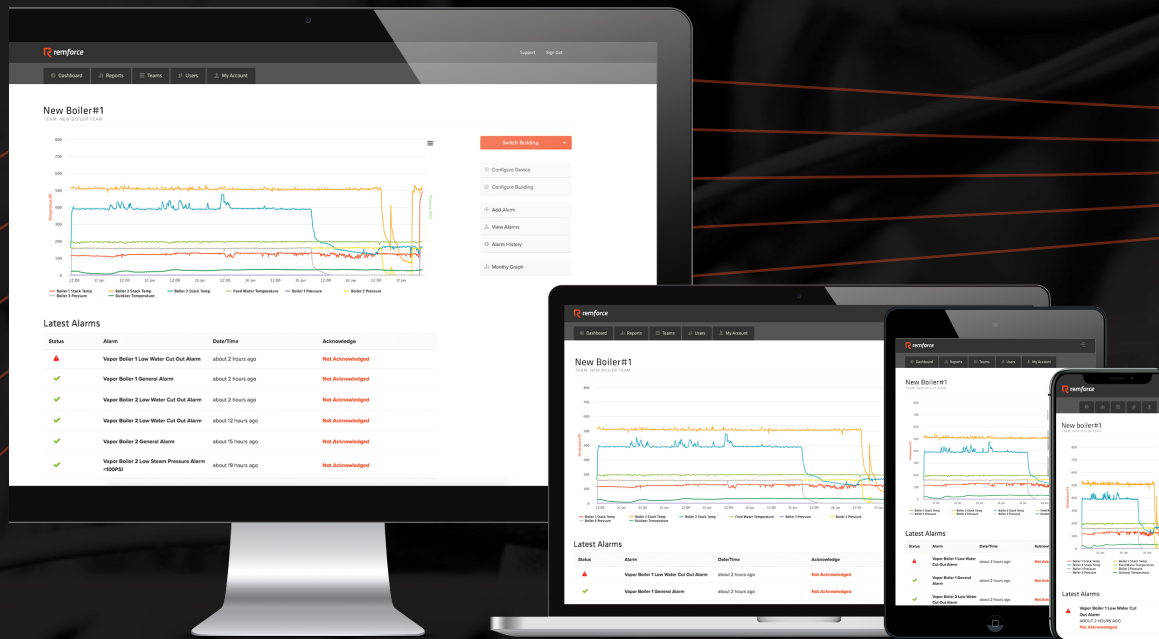
Access historical data
Our historical data charts give you the ability to navigate back each month to view your boiler's performance.

Download Boiler Data
With our report generator you can download a .csv of all your boiler data . No more manual entry on clipboards!

Manage portfolio from 1 interface
Our web app allows you to view all of your boilers from one interface. Create alarms, teams, view historical data and generate reports.

24/7 boiler monitoring
accessible on any device - at anytime

Contact Waterloo Manufacturing:

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