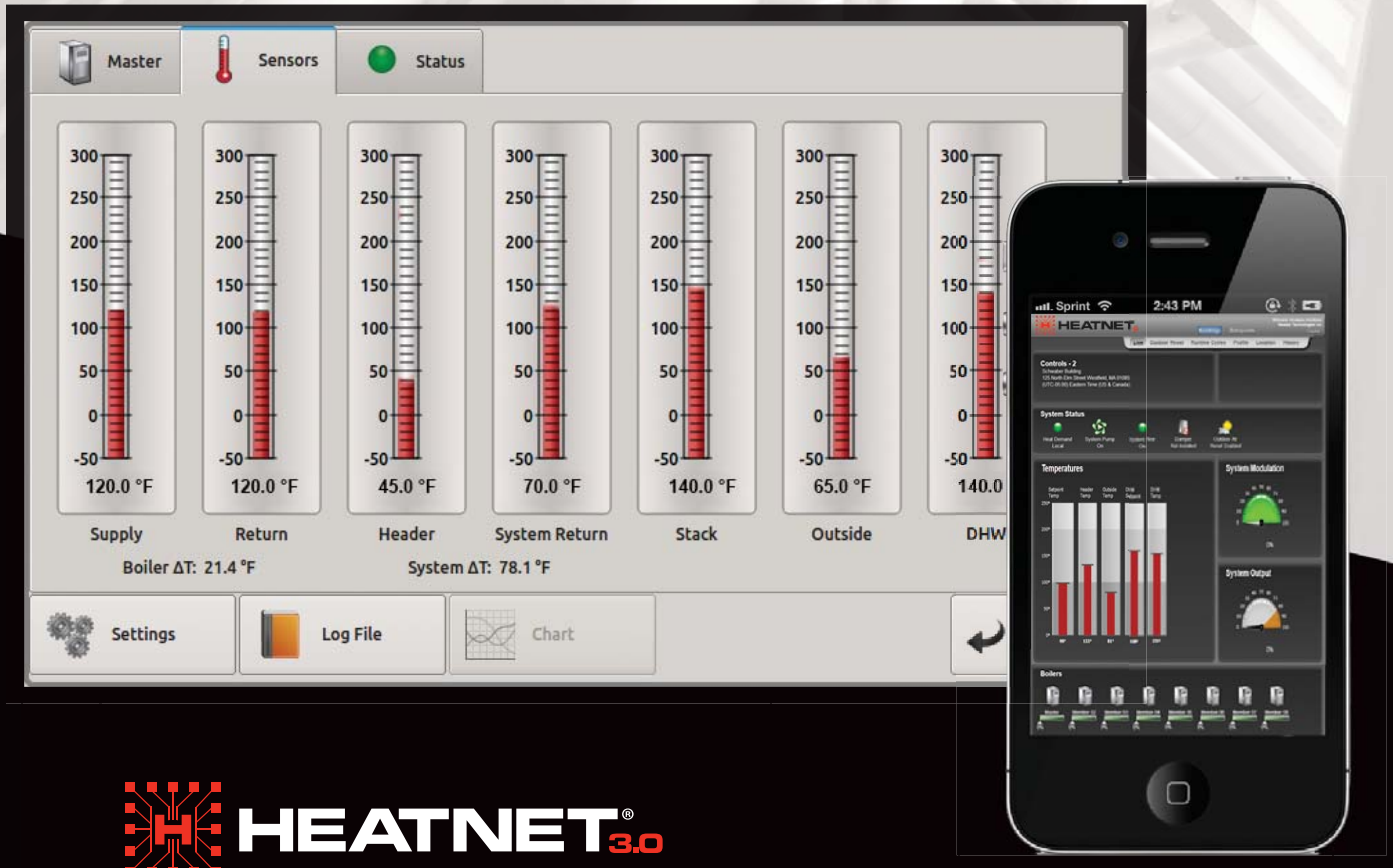
HEATNET® 3.0

RBI® KN SERIES

Every premium efficiency boiler manufactured by the Mestek Boiler Group is integrated with HeatNet 3.0 – an innovative, digital Boiler Management System that provides consistency and feedback through digital communication. By continuously monitoring several system characteristics, HeatNet 3.0 modulates boiler-firing rates to maximize turndown ratios and maintain peak efficiency – no matter the load.

HeatNet 3.0 doesn't just benefit stand-alone boilers; it is a valuable and cost-saving tool in operating a multi-boiler Master/Member network of up to 16 boilers. By functioning as a boiler management system, HeatNet 3.0 can incorporate a mixture of condensing boilers and non-condensing boilers to eliminate costly third-party, wall-mounted boiler control platforms.



HEATNET® 3.0

- Digital touch screen programming
- Lead/lag cascade (16 units)
- Adaptive modulation
- Circular pump/VFD/valve control
- BMS integration
- Freeze protection & Delta T monitoring
- Hybrid/base load capability
- Priority boiler control
- Domestic hot water communication
- Web-based remote monitoring/dashboard
- Diagnostics and troubleshooting
- Set points
- Exclusive remote monitoring capability with HeatNet Online

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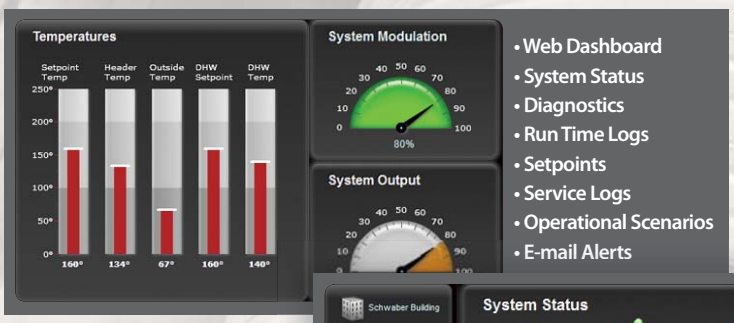
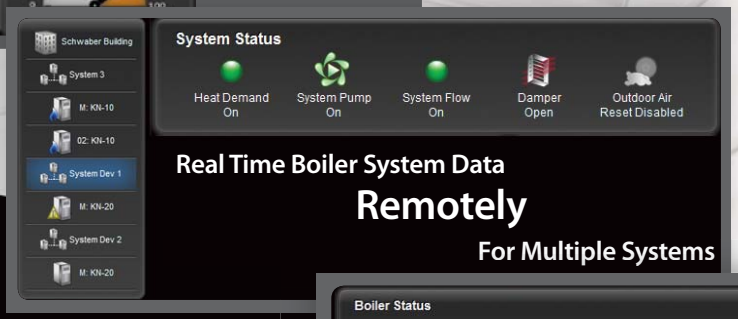
HEATNET ONLINE: REMOTE MONITORING & BOILER PERFORMANCE CONTROL

HeatNet Online is the latest edition to the HeatNet control platform. HeatNet Online allows for real-time remote monitoring of boiler temperatures, limit circuit inputs, diagnostics and overall system performance.

HeatNet Online is a web-based monitoring program that allows visual boiler feedback from anywhere through an easy to read dashboard. View boiler set points, service logs and system issues from your office computer, tablet or cell phone. HeatNet Online sends email text alerts for out of specification operation allowing for proactive responses to potentially harmful situations.



- Web Dashboard
- System Status
- Diagnostics
- Run Time Logs
- Setpoints
- Service Logs
- Operational Scenarios
- E-mail Alerts



Real Time Boiler System Data

Remotely

For Multiple Systems

Troubleshoot From Anywhere

NETWORK REQUIREMENTS

IPv4 Network with Statically or Dynamically (DHCP) Assigned:

- IP Address
- Subnet Mask
- Default Gateway
- Primary and Secondary DNS Servers (at least 1 required)
- Primary and Secondary SNTP Servers (at least one required)

A standard Ethernet cable (CAT5, CAT6) terminated with an RJ-45 connector need to be run into the boiler control enclosure.

OUTGOING MESSAGES

The device needs the ability to send HTTP (XML) messages on port 80 to the HeatNet Online Server (heatnetido.mestek.com).