

# DocuTemp® Web Application and WiFi Sensor Line

Wireless Environmental Monitoring System For whole facilities and off-site locations

## Highlights

<b>Ease of Setup:</b>	<ol style="list-style-type: none"> <li>1. Browser-accessed Web Application</li> <li>2. Uses existing WiFi access points</li> <li>3. Battery powered WiFi wireless sensors with battery power indicator and memory. 1.5V, AA customer changeable batteries. Small data packets: approximately 75 bytes.</li> </ol>
<b>Comprehensive Coverage:</b>	Multi-floor, multi-building, multi-department setups.
<b>Critical Measurements:</b>	Temperature, humidity, differential pressure, door closure, and more.
<b>Scaleable:</b>	Add departments and off-site locations to existing system as needs expand. Management of sensors by department as if all were using separate software packages.
<b>Alarming:</b>	Remote and local, 24 / 7, with escalation capability. LED and audible alarming at the sensor (dual battery sensors).
<b>Reporting:</b>	Automated report generation (monthly, daily, hourly, exception) aids regulatory compliance. Historical and real-time graphical data trend analysis.
<b>Security of Network and Database:</b>	Network Security with 128 bit WEP, WPA-PSK(TKIP) ,WPA2-PSK (AES). Database Security: Incorporates FDA 21 CFR Part 11 technical controls

## Minimum Server Requirements

Hardware		Software											
(** Minimum specs are for a smaller 1 departmental setup - Enterprise use of system requires multiple processors and at least 4-8 GB memory to perform adequately)		(Check with DocuTemp for most recently tested versions)											
<b>Server Memory</b>	2 GB	<b>Server Operating System</b>	MS Windows: XP,Vista,Server 2003, 2008 Linux: CentoOS 5 [System compatible on VMWare]										
<b>Server Processor</b>	2 GHz, Intel™ Pentium 4 Processor	<b>Client Internet Browser</b>	MS Internet Explorer V.7, V.8 and Mozilla Firefox 2,3.										
<b>Server Hard Drive Usage</b>	<table border="0"> <tr> <td>DocuTemp Program:</td> <td>100 MB</td> </tr> <tr> <td>Apache Tomcat Server:</td> <td>35 MB</td> </tr> <tr> <td>Java JDK:</td> <td>245 MB</td> </tr> <tr> <td>PostgreSQL Server:</td> <td>115 MB</td> </tr> <tr> <td>Plus (per sensor/yr):</td> <td>10 MB</td> </tr> </table>	DocuTemp Program:	100 MB	Apache Tomcat Server:	35 MB	Java JDK:	245 MB	PostgreSQL Server:	115 MB	Plus (per sensor/yr):	10 MB	<b>Web Server Programs</b>	Apache Tomcat v. 6.0.14 Java JDK v. 1.6.0_03
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<b>LAN Portal</b>	Uses existing WiFi Access Pts. Sensors communicate via 2.4 GHz, 802.11g WiFi protocol.	<b>Database Server</b>	PostgreSQL Server 8.3										

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