



NetBotz is the global leader in IP-based intelligent physical security platforms, providing environmental and visual monitoring, combined with alerting and proactive output and power control capabilities.

The NetBotz Solution protects a room (or rooms) and its valuable contents, like IT equipment, from damage due to water leaks, high or low temperatures, smoke or dust, humidity, vandalism, theft, and many more dangerous physical factors by providing early warning of these conditions in conjunction with a visual audit log.

WallBotz and RackBotz are IP-based appliances with integrated sensors which capture environmental information such as temperature, airflow, water, humidity and more; and surveillance-level IP cameras that capture motion events such as access or intrusion. Based on this captured information and thresholds defined, the appliances generate alerts via email, SMS, SNMP or an internally generated web page, giving the early warning of potentially threatening conditions. These alerts are specific to each sensor and include escalation rules, allowing the greatest possible flexibility. Using the WallBotz 500 platform, alerts can be generated to automatically trigger output to low voltage relay devices and recycling power, such as an over-temperature alert triggering output to switch on a backup air conditioning unit.

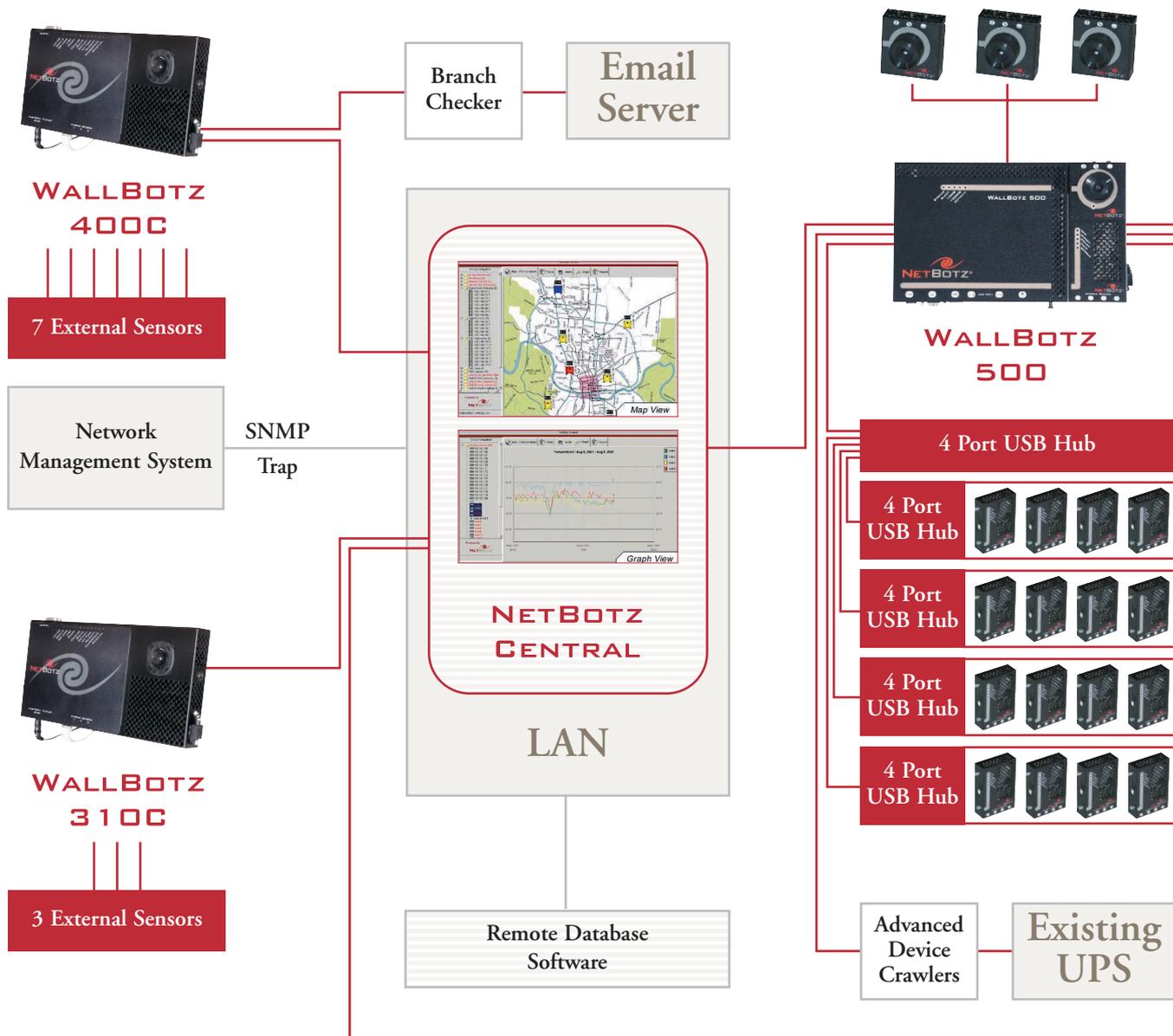
Software available for NetBotz appliances can also monitor the “internal” status of SNMP enabled hardware such as servers, UPS, firewalls and routers with real time operational information sent directly to appropriate staff via email, SMS, SNMP or from an internally generated web page. For example, an alert threshold can be set so that when a UPS is in battery backup with 30 minutes life remaining, an SMS can be sent to the appropriate IT staff.

This brochure is designed to give you more information about some of the key products within the range and how they fit into the overall NetBotz Solution.

For further information visit www.netbotz.com.



PRODUCTS OVERVIEW



PILOTPAKS

The NetBotz PilotPak 500 Standard includes the essential hardware and software that you need for a pilot implementation of the expandable WallBotz 500 physical threat monitoring system. The high-performance WallBotz 500 has a surveillance-class camera, SSL encryption of alert transmissions, customised threshold and alert policies, and is expandable via add-on sensor and camera pods.

The NetBotz PilotPak 500 Enterprise is the right choice for customers who foresee expanding to large numbers of NetBotz appliances, or who plan to intensively capture images using the high-resolution, fast-frame rate capabilities of WallBotz 500 camera pods.

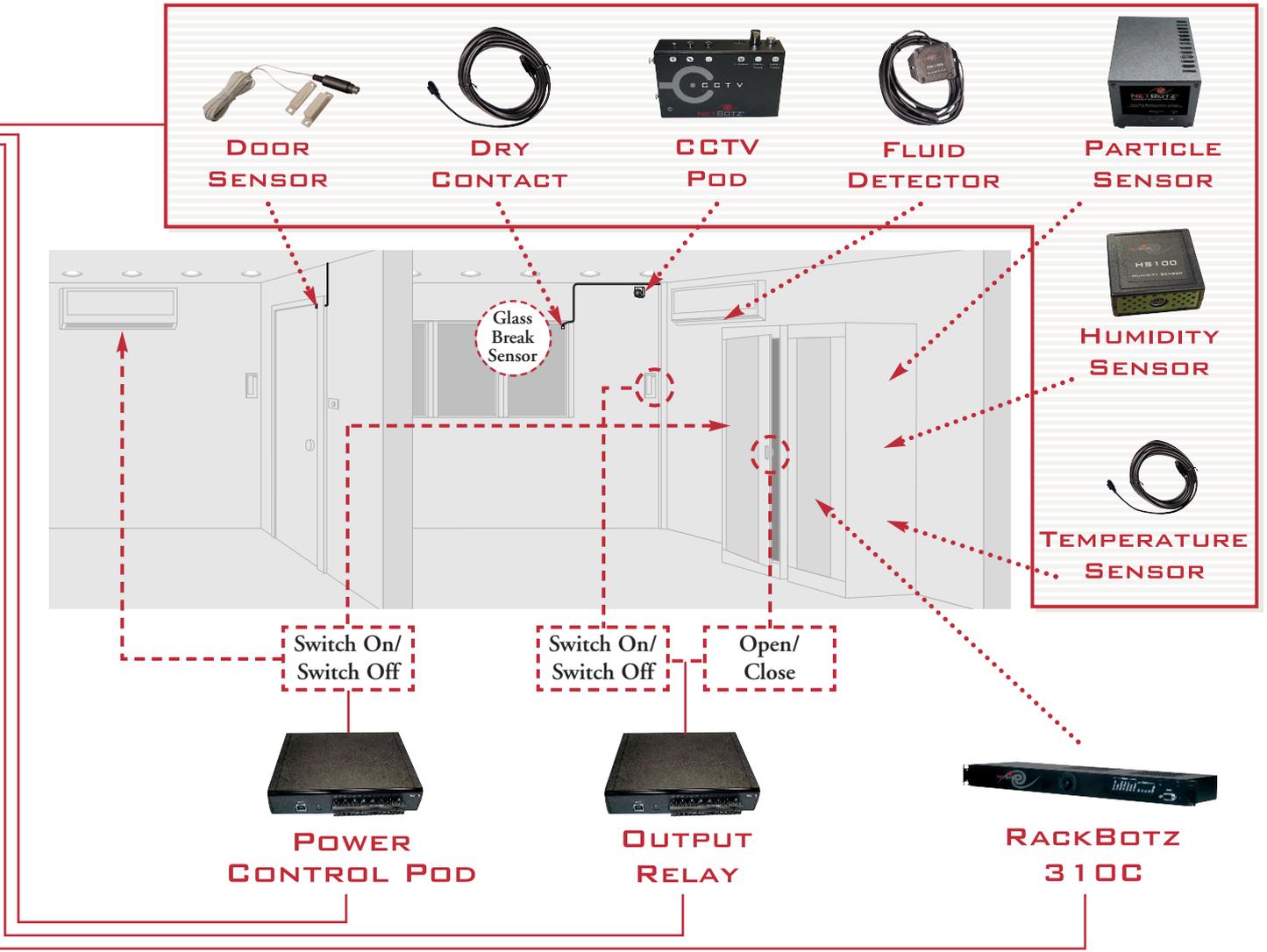
NETBOTZ CENTRAL

NetBotz Central and NetBotz monitoring appliances combine to provide a comprehensive solution for IT environment and equipment. With NetBotz Central, you can instantly view environmental readings and a camera image from any site on your network where a NetBotz monitoring appliance has been deployed. If environmental readings for a site go outside of thresholds you have set, the icon label for that site turns red in the NetBotz Central Map view. A Table view presents users with a table that shows all current sensor data for NetBotz appliances in a selected group, allowing users to see at a glance where there is an alarm condition. Historical alarm data is quickly accessible by appliance and date.

NetBotz Central works with logical, dynamically updated 'groups' of NetBotz appliances that you set up. Your IT group saves time by executing configuration and threshold operations against an entire group at once. You have powerful analytical capabilities at your disposal with the

Graph and Report views, where you can generate graphs or reports to display sensor data for one or more appliances over a specified date/time range. Data can be exported for use in other applications. The administrator of NetBotz Central can choose precisely what capabilities to grant to each user and which groups or appliances they can access.

NetBotz Central is available in two hardware configurations: NetBotz Central Standard is delivered pre-integrated on a rack-mountable 1U appliance with 120GB storage. NetBotz Central Enterprise is delivered pre-integrated on a rack-mountable 2U appliance with 1 Terabyte RAID 5 storage. The Enterprise version is suitable for customers with large numbers of WallBotz or RackBotz, and for applications where WallBotz 500 Camera Pods are generating high volumes of high-resolution images at fast frame rates.



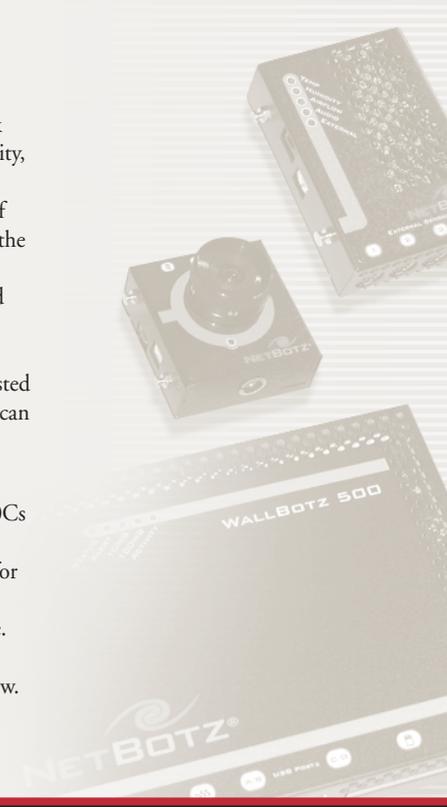
WALLBOTZ

The WallBotz 500 is the next-generation NetBotz monitoring appliance and physical security platform. The WallBotz 500's pod-based architecture gives the user tremendous flexibility and expandability. Camera pods and sensor pods can be located as far as 100 metres from the base station, allowing coverage of multiple rooms or cabinets. The base station itself can be wirelessly connected to an 802.11b wireless LAN. The Camera Pod 120 boasts a surveillance-class camera and audio recording, with multiple resolutions up to 1280x1024 and frame rates as high as 30 fps. A microphone is built into the camera pod for recording audio clips associated with the picture clips-if desired, an external microphone can be used for placement closer to the sound source. The WallBotz 500 comes with a 35°W by 28°H C-mount lens with included CS adaptor. SSL encryption is standard on the WallBotz 500, providing secure transmission of alerts to prevent potential interception and misuse of camera and audio clips. Customisable thresholds and alert policies include specialised threshold types such as rate-of-change and above-value-too-long. Alerts can now include sound clips and graphs as well as pictures, and separate alert actions can be triggered at different alert severity levels.

WALLBOTZ 400C/310C

The WallBotz and RackBotz 400C and 310C are web-accessible environmental monitoring appliances. Completely self-contained, the units continually check the room environment, including temperature, humidity, audio, and airflow. Alarms are sent via email when a connected device's environmental conditions are out of range. A built-in camera records individuals accessing the server room and allows the user to easily view the condition of equipment via an automatically generated web page. These appliances are SNMP compliant, appearing as an object within your existing network management system. Alerts and sensor data can be posted to web servers using built-in HTTP post support and can be forwarded to other systems using FTP posting.

External sensors can be connected to the WallBotz or RackBotz: 310Cs have three external sensor ports; 400Cs have seven external sensor ports. The 400C appliances include software which must be purchased separately for the 310C: Camera Motion Sensor software, Camera Enhancements software, and Device Crawlers software. The WallBotz include a sturdy swivel-mount bracket which provides full 360° positioning of the camera view. The RackBotz are rack-mountable with a 15 degree articulating lens.



NETBOTZ PODS

One **WallBotz 500** Base Station can host up to four **Camera Pod 120s**. Additional Camera Pods include a door switch sensor and 360° pod mounting bracket. The WallBotz 500 Base Station can also host up to 17 **Sensor Pod 120s**. Additional Sensor Pods include integrated environment sensors for Temp, Humidity, Dew point, Airflow, Audio; 4 external sensor ports; and a fixed pod mounting bracket.

The **CCTV Adaptor Pod 120** is designed for the customer who wants to utilise CCTV cameras with the NetBotz physical threat monitoring system. This enables images from CCTV cameras to take advantage of WallBotz 500 capabilities such as motion sensing, alert image capture settings, and alert customisation. The CCTV Adaptor Pod provides images of up to 640x480 resolution, 24-bit colour, and up to 30 frames per second (colour and resolution may be limited by CCTV video source). The CCTV camera connects to either the BNC, RCA, or S-Video input connector on the pod; video source input can be NTSC, PAL, or SECAM format. The pod has a USB port to connect it to the WallBotz 500 base station, and also has external microphone, speaker, and door switch jacks.

The WallBotz 500 can send electronic signals for control and automation of equipment using the **Output Relay Pod 120**, which has 16 outputs. The pod's reed relay outputs provide high quality, long life, low power (10 Watt maximum) dry contact switch closures. The pod is USB bus-powered. Using USB hubs and extenders, up to 4 Output Relay Pods (64 total outputs) can be connected to a single WallBotz 500. At the individual output level, you can set thresholds and alerts, define custom labels, set an automation schedule, and define lists of users authorised to use the particular output.

The WallBotz 500 also can remotely turn power on and off for 115 or 230 VAC powered equipment. This is executed via a **Power Control Pod**, which comes in single- and five-plug models for both 115VAC and 230VAC. Using USB hubs and extenders, up to 16 Power Control Pod 110s can be connected to a WallBotz 500. At the individual plug level, you can set thresholds and alerts, define custom labels, set an automation schedule, and define lists of users authorised to switch power to the particular plug.

EXTERNAL SENSORS

The **Fluid Detector** enables the NetBotz appliance to monitor a location for the presence of water and other fluids.

The **External Temperature Sensor** allows temperature monitoring for a different area of the rack and/or server room, or outside the cabinet or in an adjacent cabinet and/or server room.

The **External Humidity Sensor** enables the NetBotz monitoring appliance to monitor the humidity of an area other than the area where the NetBotz appliance itself is located.

The **External Particle Sensor** provides detection of dust or smoke penetration of environmentally sensitive equipment spaces.

NetBotz Amp Detectors add electrical current monitoring capability, giving managers of corporate IT sites and hosting facilities an accurate way to determine how much current is being drawn on their circuits.

The **Dry Contact Sensor Support** enables use of devices such as water sensors, vibration sensors, motion sensors, glass break sensors, UPS and HVAC dry contact alert ports, and more.

EXTENDERS

For situations where Camera Pods or Sensor Pods need to be up to 100 meters from the WallBotz 500 base station, **NetBotz Cat5 Pod Extenders** can extend the distance using existing category 5 or above network cabling.

For longer distances, the **Fiber 500-Meter Pod Extender** allows the Camera Pod 120 and Sensor Pod 120 to be placed up to 510 meters from the WallBotz 500 base station. The Fiber Pod Extender has 4 ports on the remote extender to allow connection of 1 Camera Pod and multiple Sensor Pods.

NETBOTZ SOFTWARE

NetBotz Surveillance lets IT managers monitor who enters their IT facilities and track what they do while they're there. This server-based software acts as a central repository for pictures captured by the NetBotz monitoring appliances, and it provides users with options to quickly access "surveillance events" logged by date and time, and play movie-like clips of those events. Also, up to 25 live thumbnail images from NetBotz appliances can be displayed continuously. This application runs on the NetBotz Central server.

Retain up to 6 months (or 5000 alerts) of alert and sensor data on your WallBotz 500 with the **WallBotz 500 Extended Storage System**, which combines the Extended Storage software with a 60GB external USB hard drive. Graphs can cover up to 6 months rather than the standard 24-hour limit. If the WallBotz 500 is rebooted, the data is retained since disc storage is persistent. A mounting bracket and USB cable for the drive are included.

NetBotz Advanced Device Crawlers is the first monitoring technology to give IT professionals easy and secure cross-platform access to the physical micro-environments (the internal vitals) within servers, switches, routers, UPS and other network devices. These data, including information such as CPU temperature, fan speed and power supply status, are found in a vendor's extended SNMP MIB (Management Information Base). You can set alert thresholds, for example on battery power remaining for a UPS.

NetBotz Branch Checker software provides IT managers with an easy-to-use tool for monitoring round-trip connectivity from the branch to the central site and ensures that critical resources such as DNS, Mail and Web servers are available. Alerts are sent via E-mail.

NETBOTZ NMS INTEGRATION PACKAGES

NetBotz offers **NMS Integration Packages** for leading network management systems such as HP OpenView Network Node Manager, and Ipswitch WhatsUp Gold. These integration packages enable companies who use these systems to integrate the management of NetBotz appliances into their NMS environments, allowing IT staff to:

- view NetBotz alarms in the NMS consolidated alarm view
- display NetBotz icons in the NMS network map, with icon colour indicating alarm status
- set alarm thresholds for sensors
- use NMS autodiscovery function to discover new NetBotz appliances

NETBOTZ SUPPORT & MAINTENANCE

The following support and maintenance is included with product purchase:

- 1-year warranty on hardware
- 90-day warranty on software
- 90 days phone, e-mail, and Web support
- 90 days entitlement to software upgrade releases, when and if available

In addition, NetBotz offers:

- Extended First Year Support and Maintenance,
- Full Year Support and Maintenance – coverage through the end of year 2, and
- Three Year Support and Maintenance – coverage through the end of year 3.

Support encompasses Monitoring Appliances and BotzWare, Pods, NetBotz Central hardware and software, and add-on software applications. Add-on hardware devices such as Amp Detectors, External Temperature Sensor, Extension Cables, and other products at similar pricing are not covered.

BotzWare, NetBotz, RackBotz, WallBotz, and the NetBotz symbol are registered trademarks of NetBotz Corporation in the United States and other jurisdictions. All other company and product names mentioned are used only for identification and may be trademarks of their respective companies.

© 2000-2004 NetBotz Corporation. All rights reserved.