RESOURCELINE

REMOTE DEVICE MONITORING

Proposal - February 2017

Smart Solutions For Device Monitoring Automation

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A
Pbt
PRODUCT

Who We Are

PBT is a systems development firm providing a range of digital value added services, electronic manpower management, business automation & integration solutions through its ResourceLine platform currently used in private security, publishing, manufacturing, medical services, professional cleaning and more.

Statement Of Intent

PBT proposes to offer ResourceLine: an affordable realtime remote manpower manapower management and automation platform seamlessly integrated into existing business workflows.

ResourceLine will provide an easy to use, customizable and exitensible platform for remote device monitoring, alert management and reporting.

"Offline" Device Monitoring

CHALLENGES

- Lack of timely visibilty into device status & performance
- Unable to prevent system failure through device replacement
- Heavy user support workload after issues occur
- Challenge grows exponentially as corporate network expands

CONSEQUENCES

- Decreased staff productivty and effectiveness
- Decreased Customer satisfaction due to extended system downtime
- Adverse financial impact on business due to lost revenue

Software Mornitoring

APPLICATION MONITORING

Automated login, user activity simulation and page download
Set performance metrics: response time, memory, CPU usage etc.
Access application interfaces from within the Resourceline portal
Extensible API support to monitor application integration
interfaces

DATABASE MONITORING

Configurable monitoring interval for database connections
Support for MySQL, Oracle, MSSQL Server databases and more
Select a test suite of database queries for increased test
coverage.

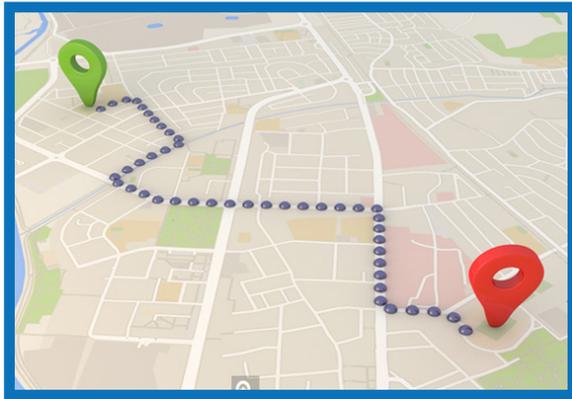# Equipment Mornitoring

SERVER MONITORING

Automated resource utilization monitoring: CPU, Disk, Memory
Monitor server network interfaces, running processes etc
Configurable performance metric parameters
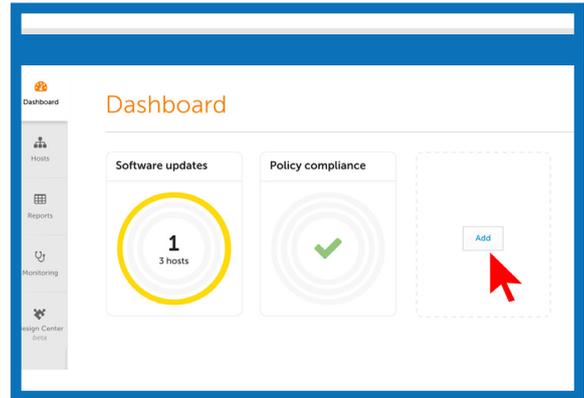
NETWORK MONITORING

Access any connected device on the corporate network or internet
Automate the trace of network failures or network slow down
Detailed logs of network activity, interface response times etc.

Alert Dashboard

MAP VIEWING

Rich map representation of corporate network device status
Color code problem areas for easy identification
Provide control room/ support center with easy to use, actionable information
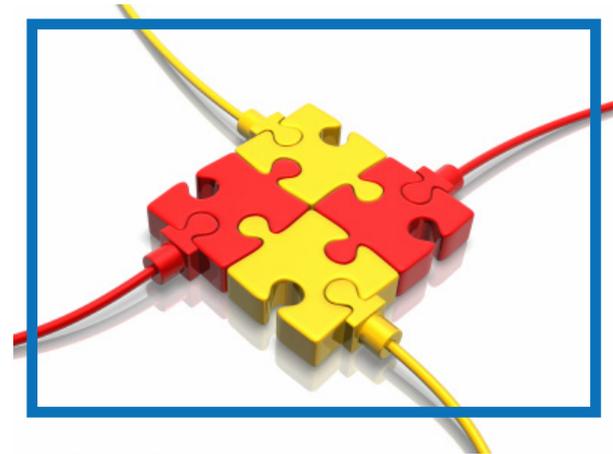
ALERTS & REPORTING

Customize reporting layout, flexible file formats: excel, csv, pdf etc
Email & SMS notification support
Support of mailing groups, custom Email, SMS messages
IVR available on demand

Platform Customization

CUSTOM FEATURE DEVELOPMENT

Add more to your ResourceLine by requesting custom functionality
Quick design consultancy and turn around on feature development
Technical support, training and documentation

SYSTEM INTEGRATION

Share business information with existing applications
ResourceLine versatile API allows for easy data sharing and
process automation

Device Management

DEVICE GROUPS

Group monitored devices in logical or operational classes
to simply notification management & reporting
Set rules for device groups to reduce repetitive admin tasks

ADMIN GROUPS

Restrict access to particular devices/devices groups
depending on admin/support function
Limit device visiblity, edit privileges or access to notifications

Financial Proposal

Installation & Commissioning	USD 1500 One Time Fee

User Licences-Basic		
Users	Cost Per User	Total Monthly Cost
20 Users	USD 20	USD 400

Device Licences-Basic		
Devices	Cost Per Device	Total Monthly Cost
50 Devices	USD 15	USD 750

Online Support / Automated Daily Backups / 1hr training per user per day (Included in basic package)*	Mon-Fri 9am-5pm

Summary of Cost

Annual Licences	USD 13,800
Installation & Commissioning**	USD 1500
Total	USD 15,300
VAT 18%	USD 2754
Grand Total	USD 18,054**

**Includes one-time fee not payable after 1st year

Service Options

Extended Support Package Sat, Sun 9am-5pm		USD 150 Per month

Additional Device Bundle		
Devices	Cost Per Device	Total Monthly Cost
10 Devices	USD 18	USD 180

Additional User Bundle		
Users	Cost Per User	Total Monthly Cost
10 Users	USD 13	USD 130

Custom Development / Integration		USD 55 Per hour

System Requirements

Database

MySQL, SQLite, Oracle, Microsoft SQL Server

Operating System

Windows 10, all editions including 64-bit, natively installed
Windows 8.1 (Update 1), all editions including 64-bit, natively installed
Windows 7 SP1, all editions including 64-bit, natively installed
Windows Server 2008, 20111, 2012 all editions
Linux: Centos 7, OpenSuse 42.1, Fedora 23, Red Hat 7

Hardware

2.4GHz processor minimum
4GB RAM minmum, 8GB RAM Recommended
        Server RAM Requirments
        0-5 Users: 8GB RAM
        10+ Users: 12GB RAM
        15+ Users: 16GB RAM
3GB of disk space (additional space required for system logs)

CONTACTS

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