

Pi Dashboard Technical Data Sheet

Zero install on client machines

- PC, any Windows version
- Mac, any macOS version
- iPad \ Android - Tablet \ Mobile
- Any Browser - Chrome, IE 10+, Edge, Firefox, Safari, Opera
- Native HTML5 web application (Responsive)



Simple, flexible & secure server install

Server component

- Pick your preferred location;
 - On-premise
 - Cloud
 - Cloud to Cloud
- Supports Load Balancing \ Failover (High usage and availability)
- Light Footprint
- Minimum server spec 2 GHz CPU, 1GB RAM and 2GB disk space

The server software is

- 64bit Java based
- By default Apache Tomcat Server – but any Java enabled web server
- NodeJS server for PDF rendering
- Go server used for the scheduler
- Integrates with MS IIS
- Integrates with .NET applications
- Optional Single Sign On – no new usernames or passwords

Multiple server operating systems supported

- Windows – No pre-requisites – self-contained
- Unix, Linux, macOS – requires Java 9 and GLIBC 19 or above

Security

- No data is held on the client device
- Role-based access – define what users can and can't see
- Audit Dashboard user access and usage
- Supports HTTPS, proxy to your mobile users for access on the go
- Restrict some users to only see their applicable data without creating different charts for each user; ideal for your sales team or securely exposing parts of the dashboard to customers, suppliers or other stakeholders.

Skinnable & easy to integrate

API

- RESTful web services
- Integrated security
- Silent install option for seamless integration with OEM's own installer

Integrate with other applications

- OEM's can embed any chart (HTML components) in their own applications
- Application Chaining; context sensitive drill out to your own or other applications

Brand with your own logos, corporate colours or fonts

Integrates with Microsoft

- Export to Excel
- Integrates with any SMTP email server (inc MS Exchange Server & Office 365)

Database connectivity

- Multiple data sources in a single dashboard view; e.g. Finance, CRM & Support
- No requirement to move any data from current locations: no ETL required
- All your data actionable in one portal
- SQL (e.g. MS SQL, Oracle, MySQL, PostgreSQL, Sybase and others)
- NoSQL (e.g. Hadoop – Phoenix, HDFS, Horton, Green Plum and others)
- Cloud based sources can use Pi Parrot to query APIs
- Salesforce Driver available
- Third party drivers (e.g. Progress, CData) catered for
- Multitenancy / SaaS
- Wizard-driven database introspection

Easy to use and share

Easy to learn

- Feels like a web app not a BI tool
- Fun to use
- Anyone can create a dashboard

Dynamic drilling

- Rule based drill paths
- Object Swapping
 - Extensible allows very simple exploration within tool

Exception reporting

What-if scenarios

Schedule alerts and reports

Wall Boards

- Dashboards on TVs

Example Single Tier Dashboard Implementation

