

PBS – Product Sheet v 1.0 (Preliminary)

Premium Billing System – Preliminary Data

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Summary: This document is a preliminary document describing the technological overview for the Version 1.0 Release of PBS. With recent advances in the internet and web browser technology the ability to develop a robust, scalable, browser based application has been made possible. The use of a web browser significantly reduces deployment and maintenance costs since all updates only need to be made to the server and users can access the system from multiple locations without any setup. This means that if you choose to allow it, your employees can access the system from home or from any remote location that has a web browser and internet connection. PBS is written using the next generation of tools for developing enterprise applications, with proven design patterns which allow it to be easily customized, and trusted, to handle your most mission critical function, your business. PBS takes advantage of advanced features on Microsoft's .NET platform giving you the most up to date, sophisticated software to run your business on, giving your company the needed edge in today's market.

PBS Overview

Technology Summary	
Platform	Microsoft .NET; .NET Framework, ASP.Net, .NET Remoting, SQL Server, IIS (Internet Information Server), Windows Server, Web Services
Languages	C#, SQL, T-SQL, Javascript, XML, HTML, CSS
Logical Architecture	Scalable N-Tier Architecture
Physical Architecture	3-tier; Client Web Browser, Web Server (web farm supported), SQL Server Database
Security	
Encryption	SSL (Secure Sockets Layer), MD5 and others
Operating System	Hardened Windows Server 2003
Conditional Access	Group based security policies for users
Auditing	Field level data auditing
Client System Requirements	
Computer and Processor	Personal computer with an Intel Pentium 233-MHz or faster processor (Pentium IV recommended)
Memory	128 MB of RAM or greater
Hard Disk	Since PBS runs in a web browser there are no hard drive size requirements.
Monitor	Super VGA (800 x 600) or higher-resolution monitor (1024 x 768 recommended)
Operating System	Microsoft Windows 98 or greater
Browser Application	Enhanced Features - Internet Explorer 6.0 or greater, Netscape Navigator 7.1, Mozilla 1.6 Base Features – Internet Explorer 4.0 or greater, Netscape Navigator 4.71 or greater, Mozilla 1.0 or greater
Internet Connection	384 Mbps minimum, 1.5 Mbps or greater recommended
Database Server System Requirements (Non-hosted model)	
Computer and Processor	Server PC with an Intel Pentium 1 GHz or faster processor (depending on usage, 2 processors recommended)
Memory	1 GB or greater (depending on volume)
Hard Disk	20 GB of available hard-disk space (or more depending on projected account volume)
Operating System	Microsoft Windows 2003 Server, Microsoft Windows 2000 Server
Database	Microsoft SQL Server 2000; (other databases can be used as a customization)
Web Server System Requirements (Non-hosted model)	
Computer and Processor	Server PC with an Intel Pentium 1 GHz or faster processor (depending on usage)
Memory	512 MB or greater (depending on volume)
Hard Disk	1 GB of available hard-disk space
Operating System	Microsoft Windows 2003 Server, Microsoft Windows 2000 Server