COMPETITIVE ID SOFTWARE COMPARISON

Features & Distinctions	Current Software	BadgePass Identity Manager
Latest Version & Date of Version	Version 6.5 last major update was October 2007 • Over 11 years ago and no antici-pated version updates *It has been stated it is Windows 10 Compliant but the software is at the mercy of any updates, and those updates may cause loss of camera drivers if Twain based.*	Version 4.6.5.1 released on 9/24/2018. The next version is scheduled for release in early 2019.
Encryption Services	None	Data at Rest (Database Encryption) SQL Server TDE (Transparent Data Encryption) **Data in Motion (Network Encryption)** Communication from Service to Service and Service to Application uses WCF Transport Level Encryption • Makes use of the Windows S Channel in an Active Directory infrastructure • Supports TLS 1.2 on Windows 7 SP1 and above and Windows 2008 R2 and above • Makes use of whatever symmetric encryption algorithms that the customer has set up for their PCs and servers. This can be changed by the customer. Communication from Service to SQL Server Service • Makes use of the Windows SChannel • Supports TLS 1.2 on Windows 7 SP1 and above, Windows 2008 R2 SP1 and above and SQL Server 2008 SP3 and above • Makes use of whatever symmetric encryption algorithms that the customer has set up for their PCs and servers. This can be changed by the customer. Communication from Host/Service to Mercury Controllers (Access Control only) • TLS Encryption available • Must be turned on in panel settings Data in Use Two authentication methods available • BadgePass Security • Active Directory Integration Authorization • Gives customer the ability to prevent unauthorized access to various pieces of functionality • Explicit permissions must be given to a group to enable adding, viewing, editing or deleting entities

		• Campus mapping and permissions determine which entities are returned in searches • Campus filtering is available for list items, allowing different list items to be available on different campuses Application Validation • Our application is signed using a certificate from a public Trusted Root Authority Application Code Security • Obfuscation • Various proprietary defenses Are there any integration risks on the network? Integrations can be secured using encryption, IP whitelists and username/password authentication. How often does BadgePass check code? Code review is part of regular Software Development Lifecycle, specifically in the areas of code security and application security. What services are required to run? • BadgePass Server Service • BadgePass Front End Service • BadgePass Event Service • BadgePass Access Control Service • BadgePass Agent Service • BadgePass Client Server Service • (Optional) BadgePass Data Sync Service • Microsoft SQL Server Services What ports need to be opened? For the Server incoming: 6217, 6246, 6030, 6245, 6248, 6218, 6050, 6051, 6042, 6043, 6031, 6047, 6049 1433 also required if SQL Server is on a separate machine For the Client incoming: 6044, 6041, 6040, 6045, 6046, 6048
Encryption Services	Auto-create Microsoft® Access 2000 database; databases supported include Microsoft Access 2000 or later; Microsoft® SQL Server 2000 and 2005; Oracle® 8i, 9i and Oracle 10g®; IBM® DB2® Universal Server 7.1 and 8.1	**Stand-Alone Scenario** SUPPORTED DATABASES: SQL Server 2008 R2 Express w/ Advanced Services, Work-group, Standard or Enterprise SQL Server 2012 Express w/ Advanced Services, Standard or Enterprise SQL Server 2014 Express w/ Advanced Services, Standard or Enterprise SQL Server 2016 Express w/ Advanced Services, Standard or Enterprise **Client-Server Scenarios** SUPPORTED DATABASES: SQL Server 2008 R2 Workgroup, Standard or Enterprise SQL Server 2012 Standard or Enterprise SQL Server 2014 Standard or Enterprise SQL Server 2016 Standard or Enterprise
Windows OS Support	Microsoft Windows 2000, XP (32 or 64 bit), Windows Vista (32 or 64 bit), and Windows 7 (32 or 64 bit) operating systems	Windows 7 SP1 Professional, Enterprise or Ultimate Windows 8 Professional or Enterprise Windows 8.1 Professional or Enterprise Windows 10 Professional, Enterprise or Education

Server OS	Non-Applicable – workstation only	Windows Server 2008 R2 Standard, Enterprise or Datacenter Edition Windows Server 2012 Standard or Datacenter Edition Windows Server 2012 R2 Standard or Datacenter Edition Windows Server 2016 Standard or Datacenter Edition
License	USB Hardware Key	No hardware key – concurrent user license
License reinstall if lost/damaged	Must repurchase at full price if lost $100+ fee if damaged	Download free with approved Software Support Agreement (SSA)
Installation	Workstation Only	Workstation Only or Client/Server – choose upon purchase
Integration or Additional Features	None - ID Badging Only	Options for: Visitor Management with Banned list and Sex Offender Screening, Access Control, Time Clock, Vendor Access Management, Campus Card applications and access with mobile credentials
Ability to mark Inactive	Can delete record but unable to make inactive	Can delete OR make inactive
Reporting	Limited	Limited but does include some canned reports
Active Directory Support	No	Yes
Application Authentication	Username / Password	Username / Password OR Active Directory Authentication – thus Single Sign On
Database Integration Tools	Flat File	Data Sync / AD Plug-In Flat File thru Data Sync
DataSync	Manual Process	Can be manual or set up schedule to import automatically
Support and Reference Materials	Yes	Yes
Barcode Support	21 Types	8 types - 2D: Epic for Epic Track Application , QR, DataMatrix, and BadgePass Visitor for Visitor Manager Maxicode , PDF417 Linear: 128, Code 39, 2 of 5
Images Saved As	BLOB in project database - Can Save as a JPEG file	JPEG, GIF, PNG, BMP
Mag Stripe Support	Plug-ins available for Datacard printers only	BadgePass NXT5000, BadgePass GX1, DataCard CD800, Matica Peak and more. Contact for verification with other printers.

Smart Card Support	Plug-ins available for Datacard printers only	BadgePass NXT5000, BadgePass GX1, DataCard CD800, Matica Peak
Camera / Capture Support	TWAIN and Video for Windows capture devices, Select Cannon EOS Cameras	TWAIN and Video for Windows Capture Devices, Select Cannon EOS Cameras, WIA, and DirectShow
Multiple Twain Device Support	Not for an individual project	Multiple Twain Capture Device Support for an individual project (i.e. Fingerprint, Signature…)
Driver's License Capture Service	None	Built in driver's license scanning - included at no additional cost. Also includes ScreenPush for data enrollment into third party screens and applications.
Access Control Software	None	Included Free with every license.

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BADGEPASS™