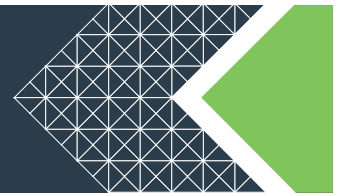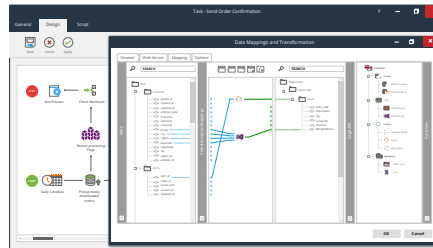# Business Process Automation Platform
Data Sheet

What is it?

BPA Platform enables organisations to build powerful automated business processes while leveraging the power of existing systems.

The product is built around the central concepts of **tasks and steps** to provide the ability to build ultimately flexible automation processes with logical building blocks. These processes integrate seamlessly with existing information sources, applications, infrastructure and communications without the need for complex programming.

You automate an employee process by **dragging and dropping icons onto a canvas** and **linking them together in a process flow**. The correlation of these tools replicate the physical employee process to your exact business rules. However, scripting can be called upon where standard functionality is unable to achieve a given solution.

What are the tools used to define processes?

The tools are used to create steps within a task, providing the functional building blocks that interface with common technologies, systems and applications.
They are then joined together in a logical sequence to build the business process.
Based on the capablities purchased, standard tools are listed below:

BPA Platform is comprised of **4 capabilities** facilitating businesses to achieve more with the systems they have in place, they include:

• Notifications & Alerts

Examples: Aged debtor updates, back orders now in stock, KPI notifications, price change updates, order confirmations, delivery notifications.

• Report & Document Automation

Examples: Credit control letters, renewal documents, waste reports, pick lists, compliance documents, sales & stock reports, delivery notes.

• Data Integration & Synchronisation

Examples: Integrating ERP systems, CRM solutions, eCommerce applications, WMS applications, accounting software, EDI solutions, courier services.

• Workflow & Human Interaction

Examples: Purchase order authorisations, credit limit reviews, price change, discount authorisations & expense approvals.

⚡ EVENT	🗄 INPUT	📝 FORMAT	
Schedule	Query Database (OLEDB)	Format as Text	Merge MS Word
MS SQL Server Trigger	Query Database (ODBC)	Format as HTML	Run Crystal Reports
Oracle Trigger	Call Procedure (OLEDB)	Recordset to XML	Format as Text
SMTP	XML Document Import	XML to Recordset	Create Workflow Job
Workflow Job Submission	Flat File Import	Run MS Reporting Services Report	

✉ OUTPUT	⏻ EXECUTE	🔄 GENERAL
Send Email (SMTP)	Call Com Object	Data Filter
Print Document	Run VB Script	Data Transformation
Save as File	Call Procedure (OLEDB)	Decision
Send SMS (M-Science)	Run Program	File Management
FIle Transfer (FTP)	Call Task Event	Text Parser
Call Procedure (OLEDB)		
Send Fax		

Business Process Automation Platform
Data Sheet

Countless Connectors Available

BPA Platform can connect practically any data source via **ODBC, OLEDB, Web Services** or an extensive range of supported **3rd party APIs** through **connectors.** Just a few of the software vendors we work with include Sage, Microsoft, SAP, Infor, Epicor, Sugar, Salesforce, Magento and MailChimp. For a more comprehensive list as well as industry specific solutions please visit www.codelessplatforms.com

What system requirements do I need to implement BPA Platform 2020?

BPA Platform is Windows-based software, utilising a true three-tier client server model over TCP/IP, with a multi-threaded server running as a Windows Service. It can run in 32-bit and 64-bit environments, and can communicate with both 32- and 64-bit external systems. The **Client** provides all administrative and Task design capabilities, while the **Server** provides the client connectivity and manages the processing of Tasks.

BPA Platform

The following indicates the supported operating systems and minimum service pack required:

Microsoft Windows 2012 Server / R2
Microsoft Windows 2016 Server 64-bit
Microsoft Windows 2019 Server 64-bit
Microsoft .NET Framework 4.7.2

BPA Platform hardware (Min)

Dual 2Ghz processor cores
4 GB of available memory
1.5 GB available disk space
1280x1024 desktop

Built with security in mind

Veracode Certified BPA 2020 runs through Veracode, the world's leading provider of security verification software.

TLS 1.2 BPA Platform 2020 supports TLS 1.2 and will support TLS 1.3 as it becomes widely adopted by 3rd-party ISVs.

FTP Protocols Enhanced security improvements to increase the secure transmission of documents, files etc.

Learn More About BPA Platform

Visit **www.codelessplatforms.com** to view the knowledgebase and forum, request a demo or register for a webinar. Alternatively, contact us using the details below.