

## Our products

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Suddensource sells and supports its own range of reliable and resilient products, built on tried and trusted application platforms, and having proved themselves over a number of years.

### P-2—Classic supply chain

P-2, formerly known as Proactis II, is a robust client-server supply chain solution, designed to give medium-sized businesses control over their sales orders, purchasing, stock and invoicing. It is a powerful program which can be implemented very simply if required, or can be configured for multiple user groups with control over what each user group may do.

Use P-2 Classic to requisition and purchase goods, keep track of customer orders, record stock transactions and locations, prepare and send invoices to customers, and mirror and check invoices from suppliers.

P-2 can be a stand-alone system or can integrate tightly with Dream (by Unit4) or with PS Financials (by Iris) or other systems. It is packaged with its own database manager program and reports viewer program.

### P-Ex

P-Ex started life as a companion to P-2, enabling us to provide more specialised or bespoke functionality that does not exist in the main product. P-Ex includes a wizard-based program to create requisitions, a stocktaking utility, bulk invoice processing and more. It also makes transaction processing faster from a remote office using a broadband connection.

### P-Ex Implementations

Using various rapid application development tools, we have delivered some complex enhancements to P-Ex. These include specialised XML purchase orders for a logistics company, sophisticated invoicing for a concert venue and complex sales orders for a supermarket infrastructure supplier.

Examples of where we have used our core systems within other programs are:

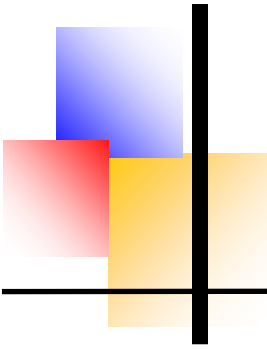
- A requisitioning system for a team of chefs.
- The port from a bespoke Access system for a company trading frozen seafood, to a P-Ex database, with a front-end in the style of the old application, but taking advantage of our common code.
- The port from another bespoke Access system for a company which lays gas and other utilities to a new version of their own software and database, but with addition of a P-Ex database to handle the purchasing functions.

### Excel Programming

For over 20 years, Suddensource has specialised in the development of programs written in Excel.

**P-Ex DataMining** is the latest generation of an Excel add-in designed to report from, and upload data to, P-2, P-Ex, Dream (by Unit4), PS Financials (by Iris) and other systems.

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## Our products

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P-Ex DataMining is delivered as a downloadable, self-updating .NET VSTO Add-in for Excel, and all functionality is included in what's downloaded by all users. This was developed in parallel with the later versions of P-Ex, for Office 2016 and later. Security within P-Ex DataMining is set at menu or menu item level by user group or by user.

**P-Ex Hospitality** is another program derived from an earlier Requisitioning Wizard, and with additional functionality for remote stock receiving and issuing, plus stock transfers and stocktakes. This is designed for use in a highly departmentalised hotel environment.

Our **Profit Calculator** allows traders in commodities to estimate the profitability of trades before quoting. This was derived from two previous incarnations in Excel VBA and VSTO.

## Other Excel programs

Whilst the programs mentioned above need to be installed on a PC, we have also written a number of simpler Excel programs for data capture, which a user can simply copy to My Documents and start using.

Two examples were: (i) a Petty Cash return for a housing charity, which is used to send data to head office for review and posting to Dream (by Unit4) without further keying, and (ii) a Results Catcher for an athletics magazine where users enter results in a tightly controlled way, and from which the data is imported directly into an athletics results system.

## Automation

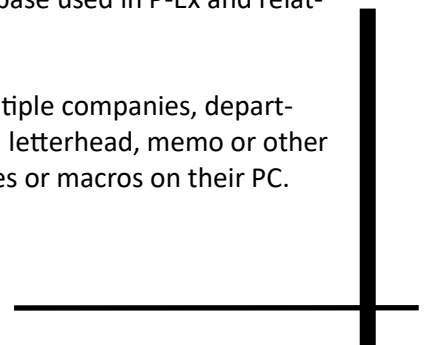
P-Ex Automation is a combination of a control/test application and a Windows service. It has been configured to do many and varied tasks, some relating to our own software, and some bespoke tasks. Examples of the tasks we have automated are:

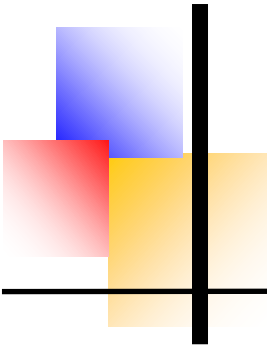
- Exchanging XML orders and invoices with a key supplier;
- Posting invoices and stock movements to finance systems;
- Picking up data collected from Android based scanning stations on a factory floor

## Office Add-ins

Taking advantage of Microsoft's .NET interface to MS Office, we have developed other programs for Word and Excel. Because it's all in .NET we can take advantage of all the common code base used in P-Ex and related programs.

We have developed a stationery Wizard for a financial services company with multiple companies, departments and locations. Using this, anybody in the organisation can generate a Word letterhead, memo or other document type with any of the myriad options. Nobody needs any Word templates or macros on their PC. The client was delighted to save tens of thousands of pounds in printing costs.





## Our products

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### Bespoke Applications

Suddensource has developed a number of bespoke programs:

- A system to book delivery times for lorry-loads of inserts which are put into colour supplements by a major print supplier. This system also produces despatch notes for the finished publications.
- A diary-based system for booking requirements for paper for print runs for the same print supplier.
- The results processing system for an athletics magazine which recognises athletes, processes performance data and produces results print-ready in a closely specified format.
- A web-based environmental health department complaint logging program for a local council (developed from an in-house Access program).

As well as developing systems from scratch, Suddensource has taken over support and/or development of various systems developed by other companies. These programs include:

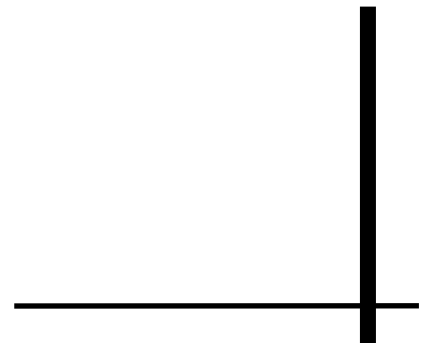
- Specialised reporting programs retrieving data from Dream (by Unit4), PS Financials (by Iris) and MAMsoft, the de facto standard program used in the car parts industry.
- A commission calculator which prepares agents' statements based on product sales.
- A system for logging actions and requirements against sales orders (for an IT Services company).
- A system to record and control a client's trade in frozen food from placement of contract to final invoicing.
- A system to manage contracts, engineers and purchases for the laying of gas and other utilities.
- A program to unscramble EDI invoices and post them to Dream (by Unit4), for a greeting card supplier.
- Two mailings programs for a marketing company, one from VB6/Access and one from FileMaker Pro.
- A small program to analyse spend with selected vendors.

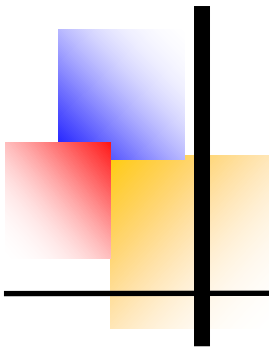
We prefer to write new applications in VB.NET, or occasionally C#.NET. However, Suddensource supports applications written in C#.NET, VB.NET, VB6, MS Access, Excel (VBA), ASP.NET with VB or C# or PowerBuilder.

### Web Experience

As well as having ported the above complaint logging program from Access to ASP.NET, we have web experience as follows:

- Set up a paperless trading system for a major online retailer, where all orders and invoices to and from their main transport supplier were passed in XML format by email, and exported and imported electronically;
- Set up our own 'Tech Pages' website using ASP.NET;
- Set up our own website using pure HTML and CSS;
- Set up various websites using FrontPage and FPSE;
- Set up and managed two members-only SharePoint websites;
- Set up webservice for our own use and for P-Ex Cloud;
- Used a Windows service to send and collect integration files via secure FTP.





## Our products

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### Other Experience

We have a great deal of other experience with Microsoft and other technologies. We have:

- Supported a claims handling application for a government department
- Supplied four reporting suites written in Microsoft SQL Server Reporting Services
- Designed a system to update Active Directory on remote servers
- Written a series of utilities including a code-generation robot and a SQL Server database re-aligner
- Project managed the update of a 1980s trade counter and back-office program written in Unify Accell/IDS for Unix to the latest generation of Accell/IDS for Linux
- Project managed the migration of a bespoke ERP/finance system to another organisation and server
- Set up a new office infrastructure for a client
- Configured MS SQL Server (countless times)
- Hosted databases on our own hosted server network
- Worked with Oracle databases and Oracle versions of some of our Excel reporting tools

### Hosting

Until recently Suddensource had a number of privately owned servers on a cloud-based network, from which we rented the following to clients:

- Windows desktops
- An organisation's databases, to be accessed via a VPN
- An organisation's databases, to be accessed via webservices
- An organisation's entire IT infrastructure

For more information about our products please browse our website and/or download our information sheets.



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