

# P-Ex Automation from Suddensource

# Automation to join up your systems

**P-Ex Automation** was originally a program called Import Control written by the Proactis Group. Its function was to import and Export XML orders, invoices and other documents for transfer to / from a key supplier.

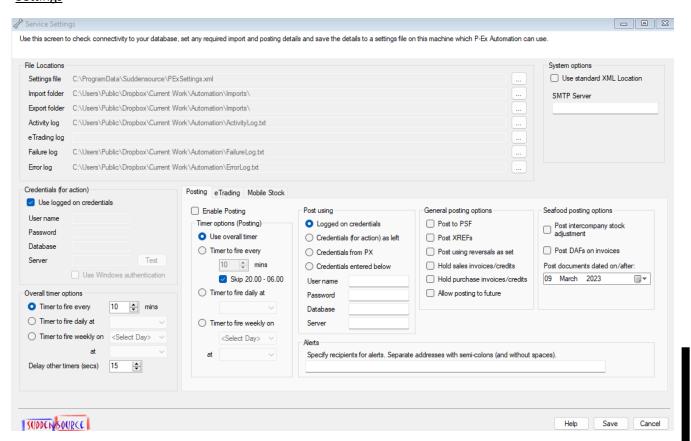
Over the years we have taken this idea and used it in:

- An Automation Control program
- An Automation Windows service

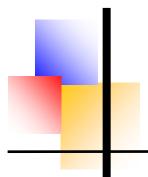
### **Control Program**

Like other programs of ours, this is delivered direct to the end-user using ClickOnce. It does not require MS Office, and is built in 32-bit mode for compatibility. It comprises two screens:

#### Settings



Running the program on the server where the service will run, settings are set above and saved to an XML file on the machine, which the service reads on startup.



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This screen allows you to carry out the actions which the service will do, but simply by clicking on 'Start' to initiate the process and 'Stop' to end it. The 'Stop' button will be unavailable while the program is busy.

The process which runs is identical, and so is useful for testing, debugging and trying out the service on a

Test EPL Test SG

## **Testing**

This screen lets you test the service you have set up. It employs the same code and settings as the Windows service itself will use.

### Services

Over the years, we have configured services such as:

- Adding budgets to Dream;
- Adding finance accounts based on venue bookings in another system;
- Posting authorised documents to your finance system;
- Database housekeeping tasks;
- Interchange of data with a tablet-based system;
- Importing data from a factory floor data capture system;
- Importing data from our own mobile stock system;
- Synchronising data between two P-Ex databases;
- Automating takings data and importing bank statements for a multi-branch organisation;

Test the windows service.

Test budget import

☐ Test Artifax import☐ Test Spare3

Test Spare 4

Test posting
Test EPL

Test Line Scanner

Test Mobile Stock

Test F1 Takings

Test eTrading
Test Data Warehouse

Activity:

Test Synchronisation

Test F1 Statements

machine other than the intended target.

The activity monitor below tells you what the service is doing.

✓ Test now (ignore timer) 
✓ Verbose logging

- Export of POs and Import of invoices in BASDA eBIS XML format;
- Creating daily updates to a data warehouse system;
- Importing meter reading data to a landlord's energy billing system (not shown);

We have also done internal systems (not shown) to:

- back up files across a remote network;
- Clear files of a certain age from specified locations;

For information about P-2, the original program, please download one of our P-2 brochures:

- Overview
- Order Processing
- Stock Control
- Invoicing
- Features



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