

## Sage 50 Accounts 2012 –Performance Benchmarking

### Performance Benchmarks

#### *Aim*

Provide a set of figures representing the elapsed time to complete a particular process in relation to the performance improvements delivered via Sage 50 Accounts 2012.

#### *Data*

The dataset used for benchmarking is intended to represent a large dataset in order to stress test the application. The base v12 dataset has been extended significantly by use of both automated scripts and the import of test data via the file import mechanism. Several R&D tools have also been used to extend functional areas not available via these mechanisms. The base dataset is converted across different variants via the applications standard upgrade procedure to allow benchmarking on versions upwards of version 12.

The following table represents a breakdown of the record totals as distributed across the control data set.

Functional Area	No. of Records
Customer	29661
Supplier	2953
Nominal	20167
Invoice	69909
Sales Orders	51963
Purchase Orders	7030
Funds	49999
Projects	20001
Products	18116
Financial Transactions	401982

#### *Preconditions*

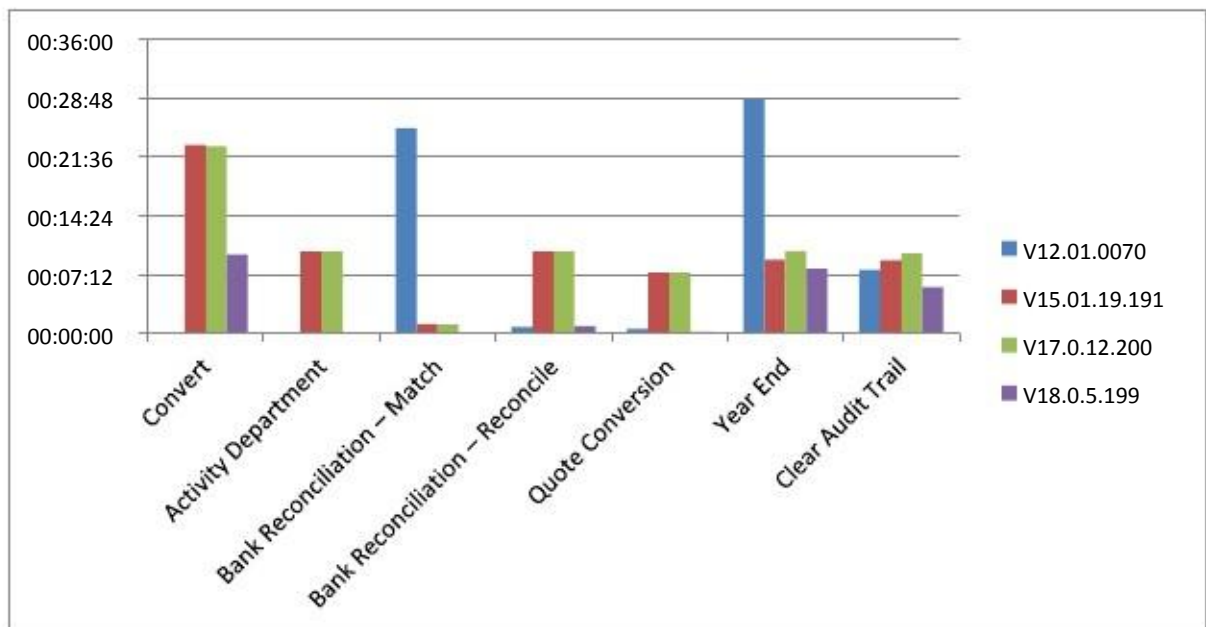
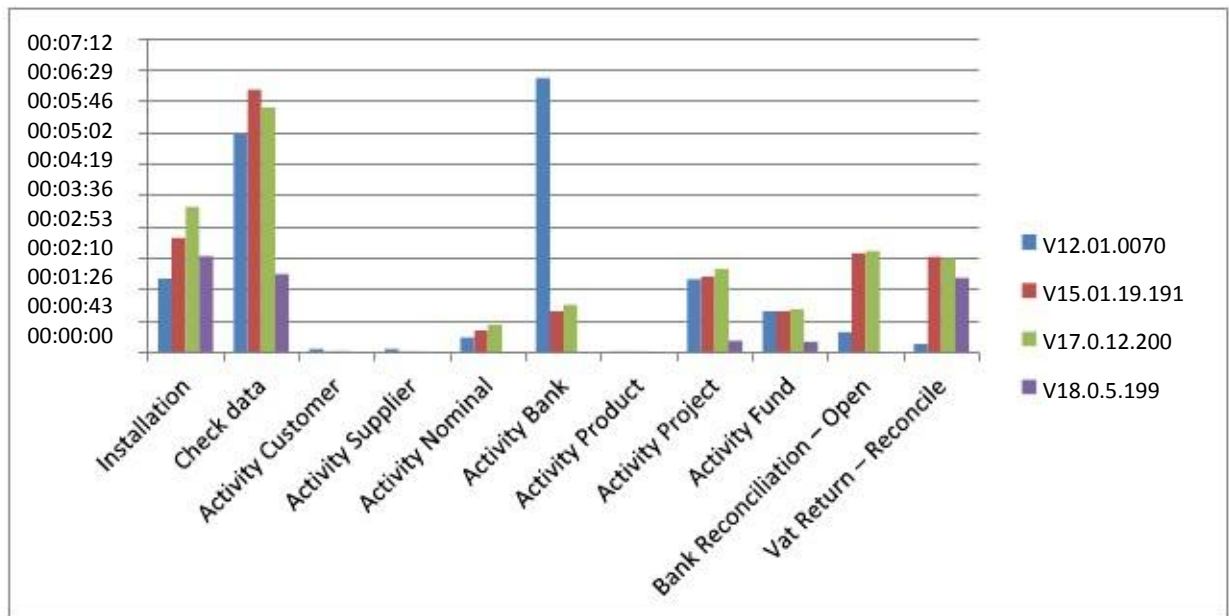
Each test run and timed execution is performed under strictly controlled conditions in order to recreate the same test environment. In between each benchmark run the test machine is

1. Reimaged with a clean version of the operating system (Windows XP SP3).
2. Install Microsoft Office 2007.
3. Install Accounts version for benchmarking.
4. Restore and convert (where applicable) test dataset.
5. Run benchmarking checklist.

### Hardware

<b>PC Manufacturer/Model</b>	Hewlett Packard xw4400
<b>Operating System</b>	Windows XP SP3
<b>Processor</b>	Intel Dual Core 660 2.4 Ghz
<b>Memory</b>	2GB
<b>Hard Drive</b>	39.07GB (16.76 BG free)
<b>Office</b>	Office 2007
<b>Antivirus</b>	None Installed
<b>Internet Browser</b>	Microsoft Internet Explorer 7
<b>Data Location</b>	Local Default

### Results



Duration (h:mm:ss:ms)	V12.01.0070	V15.01.19.191	V17.0.12.200	V18.0.5.199
<b>Installation</b>	0:01:42:12	0:02:38:83	0:03:21:86	0:02:13:49
<b>Convert</b>	N/A	0:23:03:23	0:22:52:58	0:09:40:52
<b>Check data</b>	0:05:01:02	0:06:02:41	0:05:38:30	0:01:48:47
<b>Activity Customer</b>	0:00:05:08	0:00:02:97	0:00:03:14	0:00:00:71
<b>Activity Supplier</b>	0:00:05:10	0:00:02:47	0:00:02:49	0:00:00:54
<b>Activity Nominal</b>	0:00:21:35	0:00:30:44	0:00:38:86	0:00:00:83
<b>Activity Bank</b>	0:06:18:21	0:00:57:68	0:01:06:95	0:00:00:92
<b>Activity Product</b>	0:00:02:71	0:00:02:32	0:00:02:37	0:00:00:72
<b>Activity Project</b>	0:01:41:99	0:01:44:91	0:01:55:62	0:00:16:80
<b>Activity Fund</b>	0:00:57:35	0:00:57:37	0:01:00:01	0:00:15:48
<b>Activity Department</b>	N/A	> 0:10:00:00	> 0:10:00:00	0:00:02:08
<b>Bank Reconciliation – Open</b>	0:00:28:51	0:02:17:93	0:02:20:74	0:00:01:13
<b>Bank Reconciliation – Match</b>	0:25:05:43	0:01:08:48	0:01:05:32	0:00:00:70
<b>Bank Reconciliation – Reconcile</b>	0:00:45:37	> 0:10:00:00	> 0:10:00:00	0:00:54:89
<b>Quote Conversion</b>	0:00:32:14	0:07:27:37	0:07:27:37	0:00:10:71
<b>Vat Return – Reconcile</b>	0:00:12:47	0:02:12:37	0:02:10:65	0:01:43:07
<b>Year End</b>	0:28:38:92	0:09:01:45	0:10:03:72	0:07:52:48
<b>Clear Audit Trail</b>	0:07:48:38	0:08:57:63	0:09:45:57	0:05:37:83

\* Timings in excessive of 10 minutes (> 0:10:00:00) have been suspended for benchmarking