

Ty-com Business Systems Ltd

probity[®]
operations software



Introduction

Ty-com Business Systems Limited have been developing software for almost 30 years. Based in Aberdeen, we also have offices in Glasgow and Dunfermline.

We are members/partners with the following organisations.



We offer the following services to businesses in the UK and abroad:-

- Business Process Analysis & Design
- Software Origination
- Desktop & Server Professional
- Support & Maintenance
- Virtual IT Manager

Software Services

HelpDesk - Our HelpDesk staff provide advice and problem solving on all our portfolio products.

Remote Presence - We are able to respond immediately to any problems using Remote Presence software thereby keeping your down time to a minimum. We are even able to fix problems before you are aware that anything is wrong.

Bespoke Programming - Our software team have the business skills and expertise to help resolve complex work procedures by designing a bespoke software package for you.

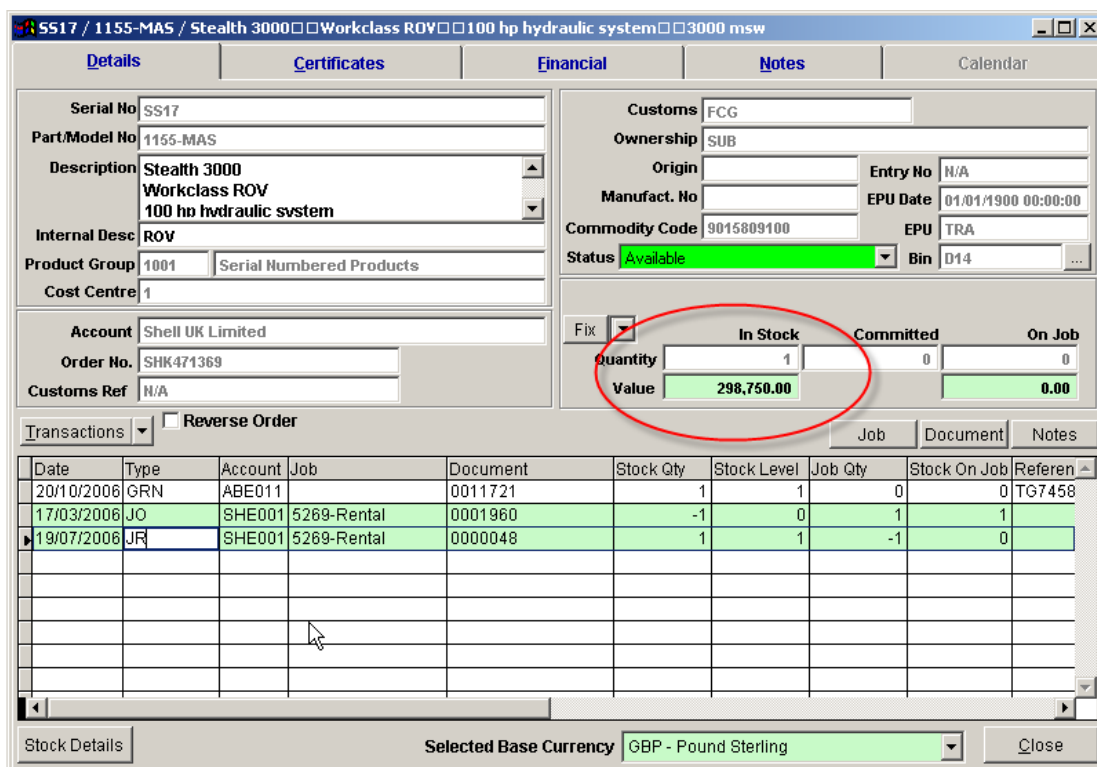
Training - Our trainers can provide one to one or group training sessions and assistance to ensure you are able to use our portfolio products to their full potential.

probity® operations software, is software designed specifically with industry in mind. Written by our team of software developers, the application is written using Microsoft tools, allowing for seamless integration with other object oriented business tools and Microsoft's own technologies. The background database can be Microsoft SQL or Oracle.

At the heart of **probity® operations** is asset tracking and stock control. Each item and asset in the package has a "card" and this holds the static detail of that item as well as showing each movement in a transaction display window. The reason the "card" was chosen, as the building block of the system, was its familiarity to T cards, this being the heart of many rental operations. However, **probity®** is not merely a rental package, it has many features for selling and manufacturing.

Asset Management

- Tracking of company and customer owned assets. In a similar manner to T cards, we track when the asset has gone out, when it was returned (if rented), and whether it is currently available or not. Items can only be delivered when they have a status of 'Available' to ensure items which are unfit for purpose are not delivered in error.



- Recording of repairs, servicing and maintenance to assets. Each card has a status to reflect whether or not it is available for use, some statuses are 'Repair' and 'Inspection'. When the item is repaired, we hold a record of the type of repair, items used and cost incurred.
- Depreciation is one of the financial aspects of the card. We also hold purchase, sale and revenue information.

- Asset certification, ensuring assets are not operational without relevant certification. In the example below, you can see that some certificates have no expiry date. For those with an expiry date, anything expired is shown in red, and a warning is displayed when a user tries to deliver this equipment to a project. If certificates are scanned, **probity®** can automatically print them at the time of delivery, along with a delivery note.

Certificate	Description	Cert Date	Cert Expiry	Reference
C of C	Certificate of Conformity	20/03/2006		
S1	Yearly Service	05/01/2005	05/01/2006	
T1	3 Monthly Submersible Test	20/10/2006	20/01/2007	

- Asset Profit & Loss, based on rental income/days, purchase price and costs. In the example below, you can see that this particular asset has been out on rental for 45 days, earning £21,105. This information can also be found in an asset utilisation report, highlighting those assets which have high/low utilisation.

Even when you sub-hire equipment from a third party, you can track your rental income along with your hire costs to see a profit/loss on the equipment.

CostCentre	Fin Post	Stock Post	Document	Date	Qty	Cur	Cost	Fin Value	GBP Fin Cost	GBP Fin Value
1	Income	Jl	0004802	31/03/2006	1.000	GBP	0.00	7035.00	0.00	7035.00
1	Income	Jl	0004803	30/04/2006	1.000	GBP	0.00	14070.00	0.00	14070.00

- The calendar functionality shows in a calendar view when the asset is due back, and assists with forward planning.

Project Management

- As all assets are tracked, at any time you may view a project to see which assets are on rental, and which have been returned. Similarly, which have been delivered to the job on a sale or 'sale or return' basis.
- We allow for automatic invoice runs, ensuring that all projects are billed in a timely fashion such as weekly or monthly, for the correct equipment, at the correct price. With asset tracking, there is no danger of assets being 'lost' or forgotten about at the time of invoice.

The example below shows a job with 2 items on rental, both of which are still on hire, as no off hire date is shown. You can also see from this picture that the customer was last invoiced for the hires in April 2006, and is therefore due to be invoiced for the remaining rental period.

Job - 5269-Rental - Shell UK Limited

Detail | Booked Items | Orders | Job History | Contacts | Notes | Job Costing | Import | List

History | Added items | Removed Items

Live Rental Sale Charge Transfer

Exclude	Part/Model No	Description	Serial No	Item Type	Qty	On Hire Date	Off Hire Date	Last Invoice	Rate	Backup Rate
<input checked="" type="checkbox"/>	1155-MAS	Stealth 3000□□□□Workclass ROV	SS10	Rental	1.000	17/03/2006		30/04/2006	469.0000	0.0000
<input checked="" type="checkbox"/>	1155-MAS	Stealth 3000□□□□Workclass ROV	SS17	Rental	1.000	17/03/2006		30/04/2006	495.0000	0.0000

Adjustments | Exclude All | Include All | Add Charge | Attach Charge | Delete Charge | Edit Charge | Package Lines

Top | Prev | Next | End | Add | Edit | Save | Undo | Close

- As no data is deleted, this historical information is a great tool for checking past client rentals or for ensuring your client receives the same equipment each time if this is a concern of theirs.
- We provide revenue reports which allow you to report on projected income for each project, and even create pro-forma invoices to ensure you will get paid when the invoice is issued!

- Price Lists by location/currency and Contracts can be used for standard pricing, or specific customer prices. We hold standard rental/sales prices, as well as minimum charge/days, backup rates, reduced rates/days etc.

Price Lists

Detail Part/Model No Prices Product Group Prices List

Search Part/Model No For Next Edit

Name GBP Price List Cost Centre 1 Currency Pound Sterling

Part/Model No	Description	Daily Rate	Sale	Min Days	Min Charge	Reduced Days	Reduced Rate	Back	
ECHO	EA600 Processor	75.00	12000.00	10.00	800.00	21.00	60.00	0.00	Add
ECHO206	Marimatech Echosounder	80.00	12500.00	10.00	900.00	21.00	70.00	0.00	
ECHO3200	Odom Echotrac 3200 MkII	55.00	0.00	10.00	600.00	21.00	50.00	0.00	Delete
ECHOHYDRO	Odom Hydrotrac	75.00	0.00	10.00	800.00	28.00	70.00	0.00	
SCUSEANET	Seanet Surface Control Unit	150.00	0.00	0.00	0.00	20.00	140.00	0.00	
SYSSEAHUB	SeaHub - Sensor Interface for PC	125.00	0.00	0.00	0.00	0.00	0.00	0.00	
SYSSEAKING	SeaKing ROVAUV Sidescan Sonar	175.00	0.00	0.00	0.00	0.00	0.00	0.00	

Top Prev Next End Add Edit Delete Save Undo Import Export Close

- Quotations can be created prior to the project being undertaken, and tracked through to conversion/loss. Each document created may be automatically saved into a customer specific folder on your network and accessed instantly from **probity**. For additional CRM functionality, **probity** can be used along with our **prosperity** package.

Convert Enquiry to Quote

Quote Date 18/08/2006 Quote No. 5854-Survey Stock Details Show Package Price Show Package Part Prices

Delivery Date 22/09/2006 Use Long Description

Type Survey Contract Price List GBP Price List Order No

Account ?P000001 Shell U.K. Exploration and Pr Contract CostCentre 1

Address Seafield House Hill of Rubislaw Anderson Drive Aberdeen Customs FCG

Deliver To Currency GBP - Pound Sterling Duration 45 days Rig

Contacts Customer Enq Ref Completed By DEMO

Item	Part/Model No	Description	Package/RK/FSK	Qty	Cost Centre	Ownership	Customs
1	SCUSEANET	Seanet Surface Control Unit		2.000	1		FCG

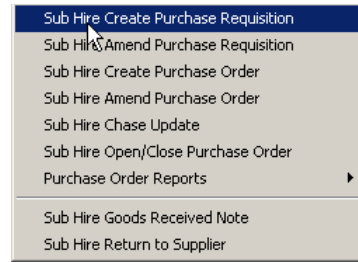
Goods Total 300.00 Vat Total 52.50 Total 352.50

Add Insert Edit Delete Instructions Notes Update Close

Procurement

- Purchase Requisitioning / Ordering. A comprehensive ordering system for products and services, and sub-hires.

As we hold details of all customer orders and all available equipment, we can quickly decide if an order needs to be placed for buying or building an asset.



The picture below shows 9 ROV's are available, 1 is not available (as it may already be on rental, or in repair at this time), and 3 booked which refers to customer orders placed. In this example, there are no items on order and no items being built at this time. (We can drill down on the buttons next to each quantity to see the actual status of the items and serial numbers concerned).

- Expediting is taken care of by tracking the due date of orders and the receipt date. We also hold a 'chase' date so that you can 'chase' your supplier and record any delays in delivery. Reports are available to track supplier performance.
- Stock Control is used to keep track of equipment coming in, and equipment going out, to give true availability at any time.

The screenshot shows the 'Stock Details' window for Part Model No 1155-MAS. The description is 'Stealth 3000 Workclass ROV 100 hp hydraulic system 3000 msw'. The internal description is 'ROV'. The item type is 'Serial Stock'. The cost centre is '1'. The available quantity is 9.000, not available is 1.000, and booked is 3.000. The reorder level is 0.000. A red circle highlights the 'Available', 'Not Available', and 'Booked' fields and their respective dropdown arrows.

Category	Quantity	Action	Category	Quantity	Action
Available	9.000	...	P.O.	0.000	...
Not Available	1.000	...	Booked	3.000	...
In Transit	0.000	...	Builds	0.00	...
Committed	0.000	...	Quotes	0.000	...
Minimum	0		Maximum	0	0.0 %
Safety	0		Reorder	0	0.0 %

- Additional procurement information can be obtained by running reports such as the minimum, maximum or re-order level reports.

Manufacturing

The parts list or 'Bill of Materials' shows the components required to build an asset. Each component has a price and so a parts list with prices can be provided prior to the build in order to estimate costs.

The screenshot shows the 'Stock Details' window for 'KIT1 Survey Kit'. The 'Parts List' tab is active, displaying a table of components. The table has columns for Item No, Part/Model No, Description, Rev, Lu, Rev, Tool Qty, and an 'Add' button. Three items are listed:

Item No	Part/Model No	Description	Rev	Lu	Rev	Tool Qty	Add
01	SYSSEAKING	Seaking ROV/AUV Sidescan Sonar System				1.00	Edit
02	ECHO206	Marimatech Echosounder DD				1.00	Delete
03	SCUSEANET	Seanet Surface Control Unit				1.00	Move Up

Additional controls include 'Costed Parts List', 'PartsList Revision Number', 'PartsList Revision Date' (22/11/2006 10:27), and navigation buttons (Top, Prev, Next, End, Add, Edit, Delete, Save, Undo, Copy From, Close).

The bill of materials can be used to place a requisition for all items at one time, thus saving time in the ordering process.

In addition, we can add timesheet hours to builds, to show a 'true' cost of manufacturing.

Design Engineering

- Each asset and component part has its own links to drawings, specifications and revision control.

The screenshot shows the 'Stock Details' window for the 'SCUSEANET' part. The 'Part/Model No' is 'SCUSEANET' and the 'Description' is 'Seanet Surface Control Unit'. The 'Product Group' is 'S3' and the 'Unit' is 'Each'. A drawing of the 'SeaNet SCU' is displayed, showing the device and its features. The drawing includes the text: 'The highly successful SCU-3 processor has been upgraded to provide the latest performance capabilities available from PC technology. The SeaNet SCU has been designed to provide' and 'Features: Single & Multiple Sensor communication, Rugged construction'. The software interface also shows a 'Revision History' section with 'Part No Revision 5', 'Last Usable Rev. 5', 'Lead Time (Days) 3', and 'Last GRN'd 20/10/2006'. Navigation buttons (Top, Prev, Next, End, Add, Edit, Delete, Save, Undo, Copy From, Close) are visible at the bottom.

Accounting

Tycom have been developing accounting software for over 30 years, and as members of BASDA (Business Application Software Developers Association) keep up to date with current legislation. Our financial ledgers include Sales, Purchase and General ledger.

Sales Ledger

- Document reprints at any time (e.g. Invoices)
- Multi Currency Analysis

Trans.	Date	Reference.1	Cur.	Amount	Vat	Balance	USD Amount	USD Vat	USD Balance
Invoice	31/10/2006	0005270	GBP	399.50	59.50	399.50	713.39	106.25	713.39

- Credit Control, Aged Debtors, Statements and Letters
- Vat Reports
- Import/Export data using Microsoft Excel
- Automatic updates from invoicing module

Purchase Ledger

- Document reprints at any time (e.g. remittances)
- Multi Currency Analysis
- Payment Runs including BACS

Account	Supplier	Outstanding	Payment	Discount	Net Payment
ABE001	Wyko Industrial Services	6470.39	6470.39	0.00	6470.39
ABE006	Aberdeen Fluid System Tech	1941.34	1941.34	0.00	1941.34
ABE021	Aberdeen Web	68.11	68.11	0.00	68.11
ABE023	Aberdeenshire Council	14835.75	14835.75	0.00	14835.75
ABE25	Aberdeen Boiler Services Ltd	417.13	417.13	0.00	417.13
ACA002	Acal Power Solutions	1569.14	1569.14	0.00	1569.14
ACA003	Acal IT	63.45	63.45	0.00	63.45
ACC003	Access Electrical Services Ltd	-204.04	-204.04	0.00	-204.04
AGC001	A G Clark Ltd	1152.65	1152.65	0.00	1152.65
AID002	Aid Pack	-60.09	-60.09	0.00	-60.09
ALL001	All Oceans Engineering	176294.65	176294.65	0.00	176294.65
ALL002	All Timberlines Ltd	4201.80	4201.80	0.00	4201.80
ARC002	Arco Ltd	311.47	0.00	0.00	0.00
ARN001	Arnold Clark Finance Ltd	-271.59	-271.59	0.00	-271.59
AUT001	Autograph Sales Ltd	0.00	0.00	0.00	0.00
AXI001	Axis Industrial Ltd	23.97	23.97	0.00	23.97
BAR004	Barnwell Services Limited	-2924.02	-2924.02	0.00	-2924.02
BAC001	BAC Postings	31376.95	31376.95	0.00	31376.95

- Vat Reports
- Import/Export data using Microsoft Excel
- Automatic update from processing of Purchase Order Invoices

General Ledger

- Journals, Reversing Journals and Journal Imports from Microsoft Excel
- Bank Reconciliation
- VAT Return

VAT due in this period on sales and other outputs	1	736,125	74
VAT due in this period on acquisitions from other EC Member States	2	0	0
Total VAT due (the sum of boxes 1 and 2)	3	736,125	74
VAT reclaimed in this period on purchases and other inputs (including acquisitions from the EC)	4	533,916	64
Net VAT to be paid to Customs or reclaimed by you (Difference between boxes 3 and 4)	5	-202,209	10

Total Value of sales and all other outputs excluding any VAT. Include your box 8 figure	6	4,764,778	00
Total value of purchases and all other inputs excluding any VAT. Include your box 9 figure	7	3,201,899	00
Total value of all supplies of goods and related costs, excluding any VAT, to other EC Member States	8	0	00
Total value of all acquisitions of goods and related costs, excluding any VAT, from other EC Member States	9	0	00

- True multi-currency and revaluation reports
- Management Accounts (multi cost centre consolidation)

- Import/Export data using Microsoft Excel
- No period ends, multiple periods open at any time

If you would prefer to use your own accounting software, **probity®** has the ability to export data to third party applications.

Complimentary software packages:-

- capability core®** - competence assurance tracking for your workforce
- prosperity®** - customer relationship management
- visibility** - a tool to view management data from probity®
- probity® payroll** - payroll processing with job costing timesheet option

To discuss this or any other product, please call us on 01224 321545.