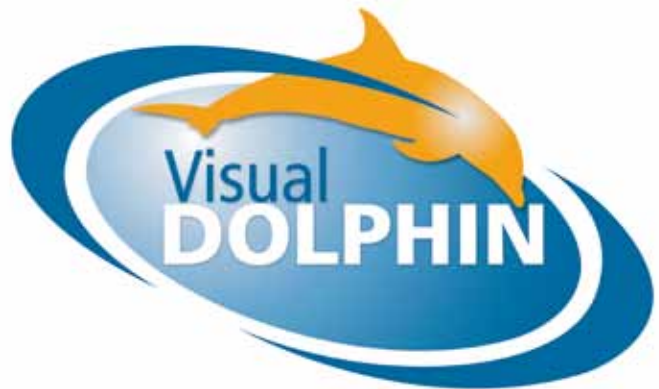




**Dolphin Construction** Software Design Consulting Group (SDCG) is a financial management systems software development firm. It specializes in ERP systems and gets into customization and custom made projects. The company boasts a team of 80 team members (all specialized in systems integration).

More than 4000 customers, spread all over the Middle East and North Africa, are all trading, media and industrial firms to which SDCG offers a comprehensive range of solutions catering to the administration and finance departments needs and aiming at increasing productivity, lowering risks and enhancing administrative efficiency.

**DOLPHIN CONSTRUCTION**



Since 1985, Software Design consulting group has been developing and delivering financial management systems that transform traditionally static, administrative functions into a dynamic part of the corporate decision making process. By providing the tools necessary to manage their system, Software Design contributes efficiently to its customers' strategic business objectives.

# INTRODUCTION

Dolphin Construction is a powerful tool for managing all aspects of a contracting operation, targeting medium to large size projects.

One single solution integrates Clients Quotations, Cost Estimates, Suppliers' pricing & LPOs, various Client Billing methods, CRM system, Contact Management & Sales tracking, Cost Control, Material Requisition & Consumption, Task Management, Scheduling of Human Resources assigned to Jobs & Tasks, Time sheet of labor & Employees, Assignment of Equipment & Heavy vehicles to projects and Sites, Powerful ERP Financial & Inventory Control systems (Multicurrency, Multi-company, Multi-branches...).

Dolphin is the ideal tool that makes it so simple to all project managers & team members for tracking the project's evolution, and for accessing all necessary information on a project, no matter where they are.

The use of excel or other personal files saved on individual computers are not allowed any more. ONE centralized system consolidates all data from various departments: Cost estimators, Business developers submitting quotations & securing RFIs/new projects, Cost Controllers, Procurement, Material & Purchase requisitions, Quantity Surveyors, Management of sub-contractors, HR for resource planning & labor assignment to projects, Workshop monitoring of Heavy Vehicles & Equipments used different sites/locations , Variation & Change Orders, Finance & account team for Billing and Payment Certificates (with control of down payments, retentions, A/R, A/P, cost of material on site..).

The screenshot displays the 'Job Costing' window of the Dolphin Construction software. The interface includes a menu bar (File, Edit, Setup, Initialization, Third Party, Transactions, Reports, Tools, View, Windows, Help, Go To) and a toolbar with various icons. The main form is titled 'Job Order' and contains several sections:

- Job Information:** Job # (23), Branch (0), Date (27/02/2012), Manual Ref (RGHT20972), Client (Bloomberg Properties LLC), Attention To, Job Type (CONSTRUCTION - LUMP SUM AGREEMENT -), Job Title (Bloomberg Phase 1 - RGHT20972), Short Title (Bloomberg RGHT20972), Job Brief, and Delivery Period (01/07/2012 to 05/04/2014).
- Administrative Fields:** % of Accomplishment, Administrative Job, Ready to be Invoiced, Template Job, Expert Job, Down Payment %, Retention %, and Default Invoice Due Days.
- Financial Summary:** A table showing Total Selling (290,000,000.00), Invoiced (22,999,957.59), Client CH (0.00), Estimated Cost (251,072,117.88), Realized Cost (25,154,110.31), and Collected Amount (5,398,206.00).
- Buttons:** 'Create Job', 'Change Status', 'Estimation and Quotation (BOQ)', 'Single Time Sheet', 'Internal Memo', 'Rev Remark', 'Predefined Remarks', 'Notes (1)', 'Payment Terms', 'UOF', 'Closed', 'Cancelled', and 'Approved'.
- Status and Footer:** STATUS: Approve Job, Created By: Rem, On: 27/02/2012 4:05:36 PM, Modified By: mner, On: 15/03/2016 6:02:37 PM.

At "Dolphin Solutions Inc", our team members (R&D & Consultants) understand the challenges of the business. Arising from 3 decades of design & development of Construction Aided Software Solutions, our team contributes in transmitting the best business practices and business knowledge to our clients, for a fast implementation and best use of the systems.

The ultimate goal of Dolphin Construction, besides assisting the project managers in monitoring their projects progress in a timeless and efficient manner, is to trace the actual cost spent against the cost estimates (budgeted costs) with respect to the achieved (accomplished) quantities.

Whether Cloud based or deployed at own servers, Dolphin Construction is accessible to all users (engineers or administrators) from all remote sites (cities or countries). It provides up-to-date figures and supplies transactions for on-line approval through the integrated workflow (Procurement, Client submittals, Material requisitions...). Users are given online access to all paper work documents related to a project through file attachments (Client agreements, notes, project planning, Variation orders...).

# MODULES AND FEATURES

## Job Costing Module

Used to define projects and sub projects (various sections & phases). All types of documents may be attached to each project such as drawings, deals, notes and memos... Project brief, and project's coordinators are recorded at the Job level.

## Activities Listing

It is a list of cost elements, coded with the hierarchical structure. It includes the usual 16 or 33 divisions covering all activities of a general contracting project.

## Bill of Quantities

It may be imported from excel, duplicated from standard templates, or entered manually. The BOQ defines all activities of a project with unit of measurement, quantities and technical specifications.

**Job Costing - Estimation and Quotation**

Job # 23 Job Title Bloomberg Phase 1 - RIGHT20972  
Client Bloomberg Properties LLC  
Brand  
Project Type % of Accomplishment  
PR Supplier  
507A / 07A016 Desc Job Avail. All Avail.

**Estimated Cost**  
Net 251,072,117.88  
Realized Cost 25,154,110.30  
Profit Margin 38,827,882.12  
Gross Profit % 13.42

**Total Selling (AED)**  
Gross 290,000,000.00  
Discounts  
Net Bef VAT 290,000,000.00  
V.A.T.  
Net 290,000,000.00

Item Ref	Sub Job	Cost Et	Sub Cost Et	Unit	Tech. specs	Sub Bq	Price Unit	Cur	Qty	Bom	UP	Total
120	1/2/31- Bloom 1 RIGHT20972	GENERAL CONCRETE WORK	SUPER STRUCTURE CONCRETE W	m3	Planters wall		AED	63.000	0.00	0.00		
121	SUPPER Bloom 1 RIGHT20972	GENERAL CONCRETE WORK	SUPER STRUCTURE CONCRETE W	m3	CONSULTANT FEES - str design		AED	1.000	1,000,000.00	1,000,000.00		
122	SUPPER Bloom 1 RIGHT20972	GENERAL CONCRETE WORK	SUPER STRUCTURE CONCRETE W	m3	TOTAL SUPER STRUCTURE EXCL. FT		AED	3,021.000	1,085.02	3,277,845.00		
123	1/2/32- Bloom 1 RIGHT20972	GENERAL CONCRETE WORK	PRECAST CONCRETE	L.S	Precast reinforced concrete lintels		AED	1.000	291,816.00	291,816.00		
124	1/2/32- Bloom 1 RIGHT20972	GENERAL CONCRETE WORK	PRECAST CONCRETE	L.S	Precast reinforced concrete capping stone slabs at OTS		AED	1.000	43,200.00	43,200.00		
125	1/2/32- Bloom 1 RIGHT20972	GENERAL CONCRETE WORK	PRECAST CONCRETE	L.S	Wheel Stopper size (1800 x Width 250 x Height 150mm)		AED	629.000	130.00	81,770.00		
126	1/2/41- Bloom 1 RIGHT20972	BLOCK WORK	AAC BLOCK	m2	Walls: 150 mm thick		AED	7,419.000	0.00	0.00		
127	1/2/41- Bloom 1 RIGHT20972	BLOCK WORK	AAC BLOCK	m2	Walls: 150 mm thick		AED	54,185.000	0.00	0.00		
128	1/2/41- Bloom 1 RIGHT20972	BLOCK WORK	AAC BLOCK	m2	Walls: 200 mm thick		AED	67,257.000	0.00	0.00		
129	Block W Bloom 1 RIGHT20972	BLOCK WORK	AAC BLOCK	m2	Cost of General Block works		AED	124,811.000	58.58	7,311,264.88		
130	1/2/51- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	ROOFING SYSTEM	Item	Complete roofing system: Polyurethane screed		AED	8,364.000	115.00	964,960.00		
131	1/2/52- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	ROOFING SYSTEM	Item			AED	1.000	24,493.25	24,493.25		
132	1/2/53- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	WET AREA WATERPROOF	m2	Waterproofing System for Toilets, Bathrooms, Kitchens and pantry		AED	11,491.000	18.00	206,838.00		
133	1/2/53- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	WET AREA WATERPROOF	m	Vertical Sides waterproof liquid applied membrane over and incl		AED	17,300.000	4.00	69,200.00		
134	1/2/53- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	WATER TANK	m2	Grip Liners 4mm to water Tanks floors		AED	748.000	160.00	119,680.00		
135	1/2/53- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	WATER TANK	m2	Grip Liners 4mm to water Tanks wall		AED	950.000	160.00	152,000.00		
136	1/2/54- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	WATERPROOFING FOR BALCONE	m2	light weight concrete (heat insulation) laid with an average thickne		AED	5,510.000	32.00	176,320.00		
137	1/2/54- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	WATERPROOFING FOR BALCONE	m2	One layer of SBS 4mm torch applied membrane reinforced wit		AED	5,510.000	32.00	176,320.00		
138	1/2/54- Bloom 1 RIGHT20972	GENERAL WATERPROOFING & THER	WATERPROOFING FOR BALCONE	m2	Carried up the Last torch applied membrane to minimum 150 m		AED	6,983.000	20.00	139,660.00		

## Quantity Take off

The entry of the total quantities of each activity (in Meters, Sq. or Cubic Meters) is detailed by the original source of information leading to such measurements. It may be broken down for example by floor, by room or by area.

**Job Costing - Local Expense/Sub Contracting - Time Sheet - Equipment**

Sub Job Bloom 1 RIGHT20972 Sub Cost Et 93A052  
Cost Element 93A Tech. Specs Retaining walls, Water tank Cost Qty 2916

**External Purchases**  
Mark Up Recipe For All Qty

Local Expense/Sub Contracting	Tech. Specs	Type	Alt	Qty	Unit	Unit Price	Total	Qty
Formwork	09 Wallace	2,910.000 m3	350.00	1,618,500.00	1,490			
Ready mix concrete (grade C45)	01 Material	2,910.000 m3	260.00	756,600.00	1,490			
Small tools & others	10 Others	2,910.000 m3	25.00	72,750.00	1,490			
Supply of steel	02 Material	442.400 Ton	2,730.00	1,207,752.00	300			
Work done by own labor	03 Labor 1	2,910.000 m3	50.00	145,500.00	1,490			
Workmanship (shutter & steel)	05 Sub-con	2,910.000 m3	180.00	523,800.00	1,490			

**Total Cost 3,783,162.00 Total Selling 00**



Job Costing

File Edit Setup Initialization Third Party Transactions Reports Tools View Windows Help Go To

Estimation and Quotation

Job # 23 Job Title Bloomberg Phase 1 - RGHT20972 Estimated Cost - Total Selling (AED)

Client Bloomberg Properties LLC Currency AED Net 251,072,117.88 Gross 290,000,000.00

Sub BOQ

Job # 23 Job Title Bloomberg Phase 1 - RGHT20972

Client Bloomberg Properties LLC Sub Job Bloom 1 RGHT20972

Cost Element GENERAL CONCRETE WORK Sub Cost Element SUB-STRUCTURE CONCRETE WORK

BOQ Cost Qty 1490 BOQ Cost 1,694.00 2,524,060.00 Sub BOQ Cost Qty 1946.412 Sub BOQ Cost 1,694.00 3,297,221.93

BOQ Selling Details Qty Total 1,694.00 3,297,221.93

Sub Job	Cost E	Sub Cost E	UOM	Description	Qty	Width	Height	Thickness	Result Qty	Qty	Width	Height	T
1	Bloom 1 RIGHT GENERAL CONCRE SUB-STRUCTURE C m3	Block 2 Drawing #12			678.000	7.500	0.300	0.600	915.300	678.000	7.500	0.300	
2	Bloom 1 RIGHT GENERAL CONCRE SUB-STRUCTURE C m3	Block 2 Drawing #12			260.000	12.500	0.300	0.600	585.000	260.000	12.500	0.300	
3	Bloom 1 RIGHT GENERAL CONCRE SUB-STRUCTURE C m3	Block 2 Drawing #12			232.000	4.200	0.300	0.600	175.392	232.000	4.200	0.300	
4	Bloom 1 RIGHT GENERAL CONCRE SUB-STRUCTURE C m3	Block 4 Drawing #12			320.000	4.700	0.300	0.600	270.720	320.000	4.700	0.300	

OK Cancel

Demo Contracting Company Job Costing 7.20.0

15/03/2016

## • Cost estimate

Each cost element (activity from BOQ), has cost estimate details broken down into the 5 cost elements: Bill of Material, Labor, Subcontracting, External purchases and equipment. The system keeps track of the suppliers' price proposals submitted during the cost estimate phase. Depending on the type of operation, cost rates may be imported from suppliers' initial catalogue price list, to which we add the suppliers' discounts & shipment expenses (when exist).

Cost estimates & cost rates of some activities may be inspired from other projects previously realized.

Job Costing

File Edit Setup Initialization Third Party Transactions Reports Tools View Windows Help Go To

Job Order

Job # 23 Job Title Bloomberg Phase 1 - RGHT20972

Client Bloomberg Properties LLC

Job Title Bloomberg Phase 1 - RGHT20972

Job Brief

Delivery

External Purchases Cash Expenses Time Sheet Equipment Supplier Credit Notes

Selling Local Expense/Sub Contracting Total

External Purchases Realized Cost

AED 22,054,827.86 USD 6,009,489.88

EXP #	Supplier	Sup Ref	Date	Mode	Sub Job	Cost Element	Sub Cost Element	Local	Type	Unit	Cur	Amount	Remark	Posted
13591	UNION REBAR F	3500741	11/05/2013	JC	Bloom 1 RIGHT20972	FILE AND QUITE WORK PLING CONCRETE WORK			02 Material 2	L S	AED	104,762.50	TON STEEL STRAIGHT	
13593	HL-TECH CONCR	3253069	11/05/2013	JC	Bloom 1 RIGHT20972	GENERAL CONCRETE W/SUB-STRUCTURE CONCRE			09 Miscellaneous_Accor	m3	AED	3,024.00	Pos 8" SRC SOLID	
13612	STAR PRINTING	1595	09/05/2013	JC	Bloom 1 RIGHT20972	SITE RECURRING COST STATIONERY AND PRINTIN			11 Preliminary & General	S	AED	250.00	Res BUSINESS CARD	
13614	DUTCH FOUNDA PC # 2	30/04/2013	JC	Bloom 1 RIGHT20972	FILE AND QUITE WORK PLING CONCRETE WORK			05 Sub-contractor (1)	L S	AED	226,800.00	NO CAST IN SITU		
13614	DUTCH FOUNDA PC # 2	30/04/2013	JC	Bloom 1 RIGHT20972	FILE AND QUITE WORK PLE TEST			05 Sub-contractor (1)	L S	AED	14,400.00	NO DYNAMIC LOAD		
13614	DUTCH FOUNDA PC # 2	30/04/2013	JC	Bloom 1 RIGHT20972	FILE AND QUITE WORK PLE TEST			05 Sub-contractor (1)	L S	AED	14,910.00	NO INTEGRITY TEST		
13615	DUTCH FOUNDA PC # 3	30/04/2013	Both	Bloom 1 RIGHT20972	FILE AND QUITE WORK PLING CONCRETE WORK			05 Sub-contractor (1)	L S	AED	5,675.00	SUPPLY AND		
13617	BN FARAJI TRIA	35931	12/05/2013	Both	Bloom 1 RIGHT20972	TEMPORARY SITE UTILIT TEMPORARY SITE UTILIT			11 Preliminary & General	L S	AED	1,875.00	Real Area x 3 CORE	

1 AED = 1 USD

15/03/2016

Job Costing

File Edit Setup Initialization Third Party Transactions Reports Tools View Windows Help Go To

Local Expense/Sub Contracting - Time Sheet - Equipment

Sub Job Bloom 1 RIGHT20972 Sub Cost E 55A062

Cost Element 503A Tech. Specs Retaining walls, Water tank Cost Qty 3915

External Purchases Time Sheet Equipment

Mark Up Recipe For All Qty

Local Expense/Sub Contracting	Tech Specs	Type	Alt	Qty	Unit	Unit Price	Total	Qty
Formwork	09 Miscella			2,910.000	m3	350.00	1,018,500.00	1,490
Plant	07 Plant 1			2,910.000	m3	20.00	58,200.00	1,490
Ready mix concrete (grade C45)	01 Material			2,910.000	m3	260.00	756,600.00	1,490
Small tools & others	10 Others			2,910.000	m3	25.00	72,750.00	1,490
Supply of steel	02 Material			442.405	Ton	2,750.00	1,217,752.50	300
Work done by own labor	03 Labor 1			2,910.000	m3	60.00	145,500.00	1,490
Workmanship (shutter & steel)	05 Sub-con			2,910.000	m3	190.00	552,900.00	1,490

Total Cost 3,783,102.00 Total Selling 0.00

Press Esc to Close this Screen and Save Your Changes

OK Cancel

Demo Contracting Company Job Costing 7.20.0

15/03/2016

## • Client Quotations (Tendering)

At the level of each cost element of the BOQ, selling prices may be set based on standard rating, or, on a percentage markup of the cost estimates. Quotations may be sent to clients directly, online from the system, without the hassle of exporting PDF files and then attaching documents to the traditional mail exchange. History of mails sent with content & revisions is traced at the level of each job.

## • Procurement

The cycle starts from a Purchase Requisition formulated by the remote sites. These are submitted to the Procurement department through a workflow system. "Requests for Quotations" may be issued & sent simultaneously to various suppliers. Received prices are entered and compared for the best price/conditions' appraisal. History of rates previously collected on other projects is a valuable information to the buyers in their decision making. Confirmed Purchase Orders (LPOs) are controlled against initial budgets, supplier credit limits and users' privilege levels with ceilings on purchase amounts.

Dolphin offers a friendly monitoring of the long lists of Purchase Requisitions that are under processing (RFQ status), of the confirmed LPOs still outstanding, and, of the ones fully or partially delivered.

RFQs and LPOs are mailed to suppliers directly from the system, benefiting from the contact management features available in VD. Accordingly, a history of all mails sent to suppliers may be retrieved instantaneously.

**Purchase Requisition**

Sequence: 4652, Date: 06/10/2013, Reference: 4652, Supplier: AL BARAHYAH TRADING CO (372), Attention To: NABIL SKAF, Internal Rem., Supplier Rem.

Approved: ☒ Supplier Confirmation, ☒ For Purchasing, ☒ For Pricing (Cost Estimate)

Delivery Date: 15/03/2016, Original PR#, RFQ, Due Days: 0 From: Supplier Invoice C

Purchases Exceed P.R.: ☒ Cannot Exceed, ☒ On By, ☒ Not Amount By, 0.00 %

Advance Payments Details: Adv Pay %: 0.00, Retention %: 0.00, Payment Schedule

Total: 113,760.00, Disc %: 0.00, Additional Disc: 0.00, Tax: 0.00, V.A.T.: 0.00, Net: 113,760.00, Remaining: 80,692.00

VILLAS COMPOUND (P116) AT MBZ- Z-24 Plot No. 241

Client	Job	Ref	Sub Job	Cost Est	Sub Cost Est	Local Expense/Sub Contracting	Expense Type	Description	Rema	Unit	Qty	Unit Price	Total	Announced	Negotiated
Bloomberg Properties LL 13			Sheika Altra	(C)General Planning ser			MATERIAL ON SITE	RAK tiles as per following	1	P-S	1,000	56,880.00	56,880.00	56,880.00	56,880.00
Bloomberg Properties LL 13			Sheika Altra	(C)General Planning ser			MATERIAL ON SITE	Tile Glue - Branded	1	Gal	1,000	56,880.00	56,880.00	56,880.00	56,880.00

Local Expenses / Sub Contracting Items

RAK tiles as per following: Total AED: 56,880.00

Item Code	Description	Unit	Quantity	Unit Price	Total
RAK 516537	Tiles 60x60	m2	340.000	72.00	24,480.00
RAK 672672	Tiles 25x35	m2	1,200.000	27.00	32,400.00

Press Esc To Close This Screen And Save Your Changes

Change Status, Approved LPO: 2, Assigned To: procure, Report Viewer, Created By: procure, 1 / 1, 95%, Demo Contracting Company Job

**Request For Quotation**

Supplier: AL JALAL TRADING EST.  
Attention:   
Phone: 02 5597797  
Address: P.O. Box 146818  
Abu Dhabi, UAE

PO # 4649  
Date: 23/06/2013  
Currency: AED  
Due Days: 0  
Inquirer:   
Reference: 11549 - 20/06/13  
Delivery Date:

Description	Delivery Date	Unit	Quantity	Unit Price	Discount	Total Price
<b>Job # : Bloomberg Properties LLC / 23 / Bloomberg Phase 1 - RGHT20972</b>						
Meter AC70X4G 70mm x 4 CORE ARMoured GULF (GUF0031)			500.00	91.50		45,750.00
Meter G35GY 35mm S. CORE WIRE GREEN/YELLOW GULF (GUF0004)			500.00	9.50		4,750.00
FIFTY THOUSAND FIVE HUNDRED AND XX / 100 AED ONLY						
Total						50,500.00
Disc %						0.00
Add. Disc						0.00
Net						50,500.00

**Payment Terms:**  
Advance Paym: 0.00 0.00  
Retention: 0.00 0.00

**Delivery address:**  
Cayan Business Center  
Office 104  
Tecom - Dubai

**Notes:**  
- Our LPO number must be mentioned on the suppliers invoice or else, payment will be delayed.  
- This order is valid only when signed by an authorized signatory of our company.  
- For any information please contact us on 04-435 65 65  
- To confirm your acceptance of the LPO, please sign below and return by fax.

## • Sub-Contracting Management

Requests for Quotations & LPOs may be submitted & tendered to sub-contractors (for outsourcing tasks & Jobs). Their price rates may have been previously predefined the suppliers' levels, by type of activity. Dolphin controls the suppliers' deliveries, their advance payments and retained amounts. Suppliers' accounts payable are split in outstanding balances by project.

Report Viewer

Local Purchase Order

Supplier : OXFORD STATIONERY OFFICE APPLIANCES  
Attention :  
Phone : 02 6797766  
Address : UAE

PO # 4642  
Date : 20/06/2013  
Currency : AED  
Due Days : 0  
Inquirer :  
Reference : HO-14  
Delivery Date :

Item Ref	Outsourcing	Description	Delivery Date	Unit	Quantity	Unit Price	Discount	Total Price
		Box BROWN ENVELOPE (15x10 Hispapel)			1.00	60.00		60.00
		Box 41mm BINDER CLIP			2.00	2.50		5.00
		Box 32mm BINDER CLIP			2.00	2.25		4.50
		Box 19mm BINDER CLIP			2.00	1.00		2.00
		Box POST-IT (Medium)			1.00	36.00		36.00
		Box UNI-BALL PEN (Blue)			1.00	39.00		39.00
		Box UNI-BALL PEN (Green)			1.00	39.00		39.00
		Box BALLPEN (BK-777)			1.00	33.00		33.00
		Pc PAPER TRAY (Metal) SILVER			1.00	25.00		25.00
		Pcs SPONGE CUPS			6.00	2.50		15.00
		Pc WHITE BOARD ERASER			1.00	3.00		3.00
		Pcs UNI-BALL GEL IMPACT (Blue)			6.00	4.25		25.50
TWO HUNDRED EIGHTY-SEVEN AND XX / 100 AED ONLY								
								Total
								Disc % 0.00
								Add. Disc
								Net
								287.00

Payment Terms  
Advance Paym 0.00 0.00

## • Material Requisition and Material consumption

Fully integrated with Visual Dolphin Inventory Control System, where items are stored in warehouses, and used on projects.

## • Labor cost

Is monitored through a time sheet system that controls the time and type of workers assigned to each section of the project (activity of the BOQ). This time maybe regular, or overtime, with various cost rates by level of qualification of the labor. History of mails sent with content & revisions is traced at the level of each job.

Job Costing

Time Sheet

Sequence 14338 Date 23/06/2013 Reference P-123 Approved [X] Posting [X] Total HRS 3,300.00 Cost 38,978.92 AED

INDUSTRIAL COMPLEX-P123 Delivery Date: 10/04/2011 By BOQ Line Estimated Qty = 00 Spent Qty = 2520.00 By Job: Estimated Qty = 00 Spent Qty = 3300.00 Last TS Entry: 23/06/2013

Employee Name	Client	Job #	Item Ref	Sub Job	Cost Element	Sub Cost Element	Qty in HRS	Total Qty in HRS	Unit Price	Actual Cost	Remark	7	Reason
Store Keeper	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	DIRECT PROJECT STAFF			208.00	208.00	18.97	3,945.76 N.H.			
Store Keeper	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	DIRECT PROJECT STAFF			52.00	52.00	18.97	986.44 O.T.			
Time Keeper	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	DIRECT PROJECT STAFF			52.00	52.00	11.43	594.36 O.T.			
Time Keeper	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	DIRECT PROJECT STAFF			208.00	208.00	11.43	2,377.44 N.H.			
Office Boy	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	DIRECT PROJECT STAFF			52.00	52.00	9.78	508.56 O.T.			
Office Boy	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	DIRECT PROJECT STAFF			208.00	208.00	9.78	2,034.24 N.H.			
Security	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			208.00	208.00	10.52	2,188.16 N.H. (DAY SHIFT)			
Security	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			104.00	104.00	10.52	1,094.08 O.T. (DAY SHIFT)			
Security	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			208.00	208.00	10.52	2,188.16 N.H. (NIGHT SHIFT)			
Security	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			104.00	104.00	10.52	1,094.08 O.T. (NIGHT SHIFT)			
Driver	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			208.00	208.00	14.48	3,011.84 N.H.			
PLANT OPERATION	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			208.00	208.00	14.96	3,111.68 N.H. (BOOM OPERATOR)			
Driver	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			71.00	71.00	14.48	1,028.08 O.T.			
PLANT OPERATION	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			50.00	50.00	14.96	748.00 O.T. (BOOM OPERATOR)			
Surveyor Assistant	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			208.00	208.00	10.37	2,156.96 N.H.			
Surveyor Assistant	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			52.00	52.00	10.37	539.24 O.T.			
ELECTRICIAN & MECH	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			216.00	216.00	11.11	2,399.76 N.H. (ASST. ELECTRICIAN)			
ELECTRICIAN & MECH	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			52.00	52.00	11.11	577.72 O.T. (ASST. ELECTRICIAN)			
Store Keeper Assistant	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			208.00	208.00	10.48	2,179.84 N.H.			
Store Keeper Assistant	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			52.00	52.00	10.48	544.96 O.T.			
Cleaner	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			200.00	200.00	8.04	1,608.00 N.H. (HELPER/CLEANER)			
Cleaner	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			50.00	50.00	8.04	402.00 O.T. (HELPER/CLEANER)			
PLANT OPERATION	Bloomberg Property 15		INDUSTRIAL CO PROJECT MANPOWER	ELM GENERAL LABORS			50.00	50.00	10.52	526.00 O.T.			

Created By: Gerardo On: 23/06/2013 3:55:53 PM Modified By: Gerardo On: 23/06/2013 5:09:59 PM

Demo Contracting Company Job Costing 7.20.0 [CAPS (NUM. (INS.)) 16/03/2016

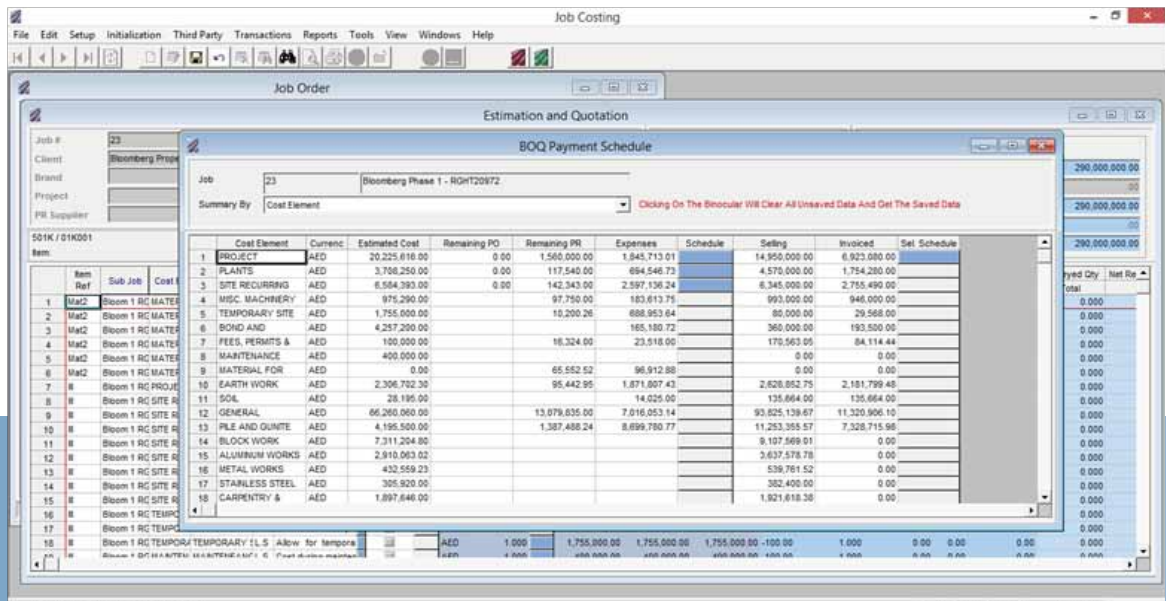
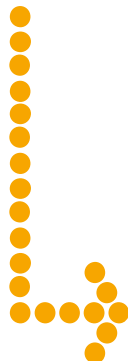


## • Equipment cost

For the Equipment assigned to any project, when the cost is related to the duration time spent on the site, it is calculated based on the standard cost rate per equipment, per day, per week or per month.

## • Cash Flow Management

It calculates the estimated cash needed for the completion of a project (outflow and inflow of cash) depending on the various phases. Expected payments and collections are defined at the level of each section of the BOQ with projected dates. Cash flow entries may be revised during the project progress.



The screenshot displays the 'Job Costing' software interface, specifically the 'BOQ Payment Schedule' window. The window shows a detailed breakdown of costs for a project named 'Bloomberg Phase 1 - RGH20972'. The table includes columns for Cost Element, Current, Estimated Cost, Remaining PO, Remaining PM, Expenses, Schedule, Selling, Invoiced, and Set Schedule. The total estimated cost is 290,000,000.00 AED, and the total invoiced amount is 290,000,000.00 AED.

Cost Element	Current	Estimated Cost	Remaining PO	Remaining PM	Expenses	Schedule	Selling	Invoiced	Set Schedule
1 PROJECT	AED	20,225,616.00	0.00	1,560,000.00	1,845,713.01		14,950,000.00	6,922,000.00	
2 PLANTS	AED	3,700,250.00	0.00	117,540.00	684,548.73		4,570,000.00	1,754,200.00	
3 SITE RECURRING	AED	6,584,393.00	0.00	142,343.00	2,597,136.24		8,345,000.00	2,755,490.00	
4 MISC. MACHINERY	AED	975,290.00		97,750.00	183,613.75		993,000.00	946,000.00	
5 TEMPORARY SITE	AED	1,755,000.00		10,200.26	688,953.64		80,000.00	29,568.00	
6 BOND AND	AED	4,257,200.00		165,180.72			360,000.00	193,500.00	
7 FEES, PERMITS &	AED	100,000.00		16,324.00	23,518.00		170,563.05	84,114.44	
8 MAINTENANCE	AED	400,000.00					0.00	0.00	
9 MATERIAL FOR	AED	0.00		65,552.52	96,912.88		0.00	0.00	
10 EARTH WORK	AED	2,306,752.32		95,442.95	1,871,807.43		2,626,852.75	2,181,799.48	
11 SOIL	AED	28,196.00			14,025.00		135,664.00	135,664.00	
12 GENERAL	AED	66,260,060.00		13,079,635.00	7,616,053.14		93,625,139.67	11,320,906.10	
13 PILE AND QUINTE	AED	4,195,500.00		1,387,488.24	8,899,780.77		11,253,355.57	7,328,715.98	
14 BLOCK WORK	AED	7,311,204.80					8,107,569.01	0.00	
15 ALUMINUM WORKS	AED	2,910,063.02					3,637,578.78	0.00	
16 METAL WORKS	AED	432,559.23					539,781.52	0.00	
17 STAINLESS STEEL	AED	305,920.00					362,400.00	0.00	
18 CARPENTRY &	AED	1,897,646.00					1,921,818.38	0.00	

## • Quantity Survey

Is handled through Dolphin by matching the expected quantities in a BOQ with the achieved ones. Two levels of QS may be generated: The one effectively realized, and the one agreed with the client's consultants (that generates a payment certificate).

Job Costing

File Edit Setup Initialization Third Party Transactions Reports Tools View Windows Help

Job Order

Qty Survey

Sequence **43** As of Date **31/05/2012** ☐ Pending  
Manual Reference **PC011**  **AMBAD SAP1**  
Remarks

Job # **22.0 Bloomberg Phase 1 - RGH20972**   
Sub Job  Cost Element   
Item Ref  Sub Cost El

Total  
Cost Estimated **251,672,117.88** AED  
Survey **938,883.48**

Item Ref	Sub Job	Cost El	Sub Cost El	Unit	Tech. specs	Qty Planned	Su	Already Surveyed	Added Qty	Total Qty	Net UP	Net Total			
36	1201-A-Bloom 1 RCPILE AND QUINTE WFO PILE TEST	L.S			Allow for dynamic load	1.000000000		36.72	0.597231409	19.83	0.19832721	59.56	0.59596138	0.00	0.00
37	1201-A-Bloom 1 RCPILE AND QUINTE WFO PILE TEST	L.S			Allow for dynamic load	1.000000000		81.20	0.512000000	4.80	0.04800000	56.00	0.56000000	0.00	0.00
38	1201-A-Bloom 1 RCPILE AND QUINTE WFO PILE CUTTING	Item			Allow for Cutting Piles	1.000000000		47.94	0.479434958	12.10	0.12095166	60.04	0.60038964	0.00	0.00
39	1201-A-Bloom 1 RCPILE AND QUINTE WFO PILE HEAD TREATMENT	L.S			Allow for Pile head	1.000000000		45.29	0.451973882	15.77	0.157736543	60.97	0.609716435	0.00	0.00
40	1201-A-Bloom 1 RCGENERAL CONCRETE SUB-STRUCTURE CONCI H3				PLAIN CONCRETE	2,841.000000000		42.40	1.264400000	17.83	0.06500000	60.23	1.711000000	308.00	151,965.00
41	1201-A-Bloom 1 RCGENERAL CONCRETE SUB-STRUCTURE CONCI H3				Pile caps & flat slab	15,415.000000000		0.00	0.225266168	0.00	0.225266168	0.00	0.475763336	810.00	192.48
42	1201-A-Bloom 1 RCGENERAL CONCRETE SUB-STRUCTURE CONCI H3				Retaining walls, Water	2,910.000000000		0.00	0.000000000	0.00	0.073571535	0.00	0.073571535	1,300.04	96.85
43	1201-A-Bloom 1 RCGENERAL CONCRETE SUB-STRUCTURE CONCI H3				Polythene sheet	1.000000000		41.09	0.410926808	13.94	0.13939516	55.03	0.550322018	59,624.00	8,311.36
44	1201-A-Bloom 1 RCGENERAL CONCRETE SUB-STRUCTURE CONCI H3				Water stop	1.000000000		19.70	0.196996987	3.94	0.039393939	23.64	0.236393939	51,975.00	2,647.50
45	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				One coat of primer	17,767.000000000		36.78	6,519.650000000	17.82	3.163100000	54.61	9,792.750000000	0.00	0.00
46	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				One coat of primer	28,362.000000000		42.98	2,197.080000000	20.94	5.688420000	62.99	7,885.500000000	0.00	0.00
47	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				Two layers of Arme	17,767.000000000		0.00	0.000000000	40.41	69.50000000	40.41	69.50000000	0.00	0.00
48	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				Horizontal area over	32,27.5734150000000		17.82	3,183.100000000	50.19	8,917.250000000	50.19	8,917.250000000	0.00	0.00
49	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				Horizontal area over	28,362.000000000		31.46	8,832.120787452	20.04	5.688420000	51.50	4,620.540787452	0.00	0.00
50	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				10mm thick Protection	17,767.000000000		0.00	0.000000000	40.41	69.50000000	40.41	69.50000000	0.00	0.00
51	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				3.52 mm thick asphalted	28,362.000000000		0.00	0.000000000	52.84	4,774.600000000	52.84	4,774.600000000	0.00	0.00
52	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				3.52 mm thick asphalted	17,767.000000000		0.00	0.000000000	34.72	6,168.000000000	34.72	6,168.000000000	0.00	0.00
53	1201-A-Bloom 1 RCGENERAL WATERPRI SUB STRUCTURE WORK H2				3.52 mm thick asphalted	17,767.000000000		0.00	0.000000000	40.41	69.50000000	40.41	69.50000000	0.00	0.00
54	Block 1 Bloom 1 RCPLUMBING & F.F WFO PLUMBING WORK & FF	L.S			Plumbing installation	1.000000000		0.00	0.000000000	0.13	0.00131312	0.13	0.00131312	0.00	0.00
55	Block 1 Bloom 1 RCPLUMBING & F.F WFO PLUMBING WORK & FF	L.S			Plumbing installation	1.000000000		0.00	0.000000000	0.49	0.004920099	0.49	0.004920099	0.00	0.00
56	Block 1 Bloom 1 RCPLUMBING & F.F WFO PLUMBING WORK & FF	L.S			Drainage Works	1.000000000		2.15	0.021500000	3.96	0.030605500	5.21	0.052105500	0.00	0.00

Created By: Catherine On 19/06/2013 10:31 PM Modified By: sdog On 10/09/2013 1:59:37 PM

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## • Detailed Client billing

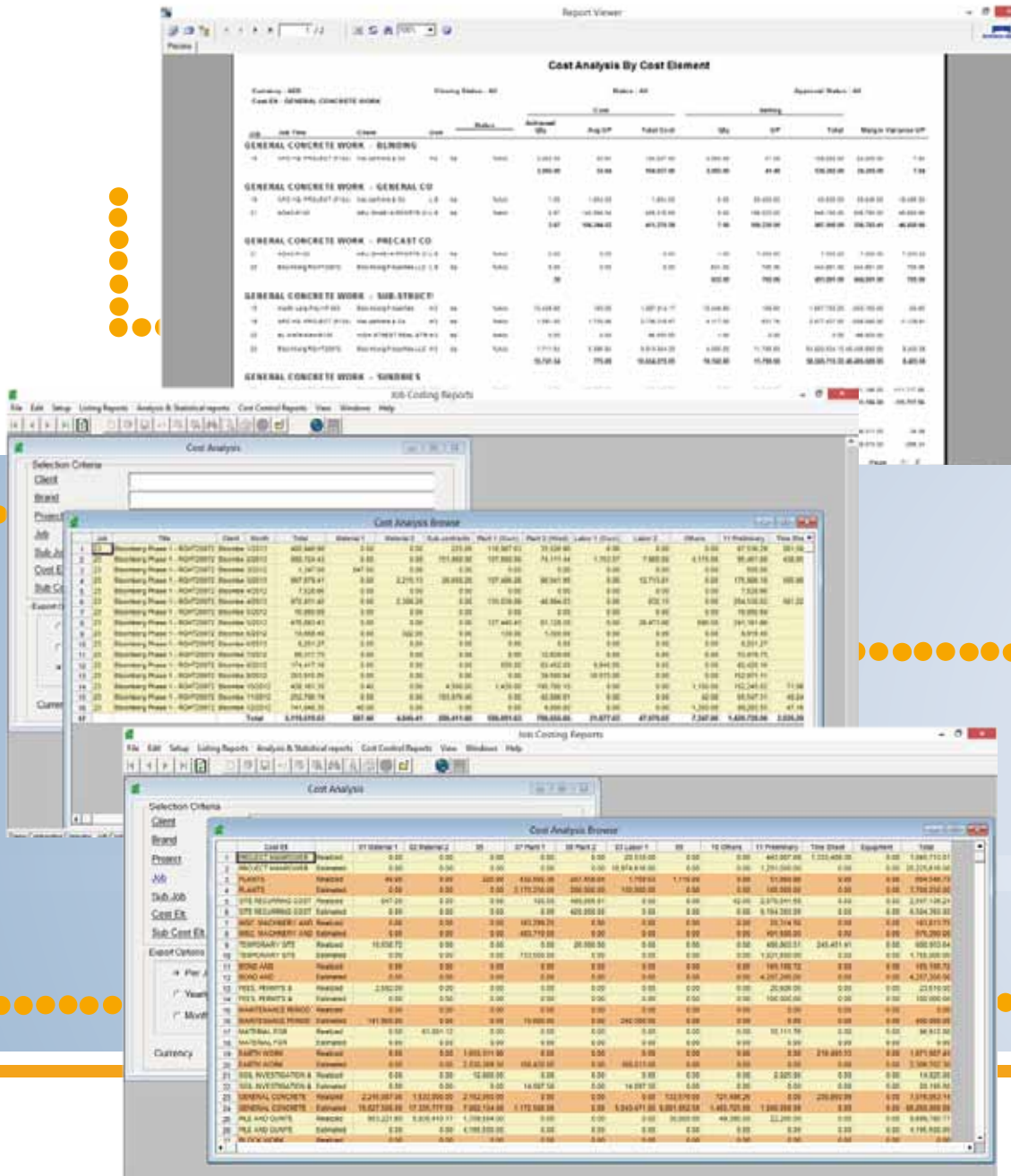
May be issued periodically, based on the payment certificates issued from the Quantity Survey (QS). Such invoices take into consideration a ratio of the material on site, Down Payments previously received and client's retentions.

Choices of invoicing methods are based on:

- Full or Partial amounts
- Percentage of accomplishment
- Annual Fees (applied for property management)
- Cost Plus & Time/Service billing

## • Cost Control Analysis

Several reports and rich analytics permit the monitoring of the actual cost against the achieved quantities (in comparison to the initial cost estimates). Such reports may be detailed to extreme levels of a single transaction related to labor, material, subcontracting or miscellaneous expenses. These consider LPOs or commitments already done to suppliers where invoices not yet received.



## • CRM System

It handles clients, suppliers and trade partners' information and contacts (such as names, positions, phone numbers and coordinates). Filtering criteria allows to pick suppliers based on their specializations, locations or ranking... Each contact is attached to documents related to his trade licenses, insurance, certifications or agreements... User defined fields enhance the contacts (clients & suppliers) with additional information depending on the company's interests (such as number of employees, solvency, estimated revenue, ranking, ...) Clients and suppliers addresses, as well as projects' sites, are directly linked to Google Maps for an easy trace of their locations.

## • Management of Change Orders

Clients' variations orders are defined as an integral part of the initial deal or managed as an independent agreement invoiced separately.

## • Annual Contracts

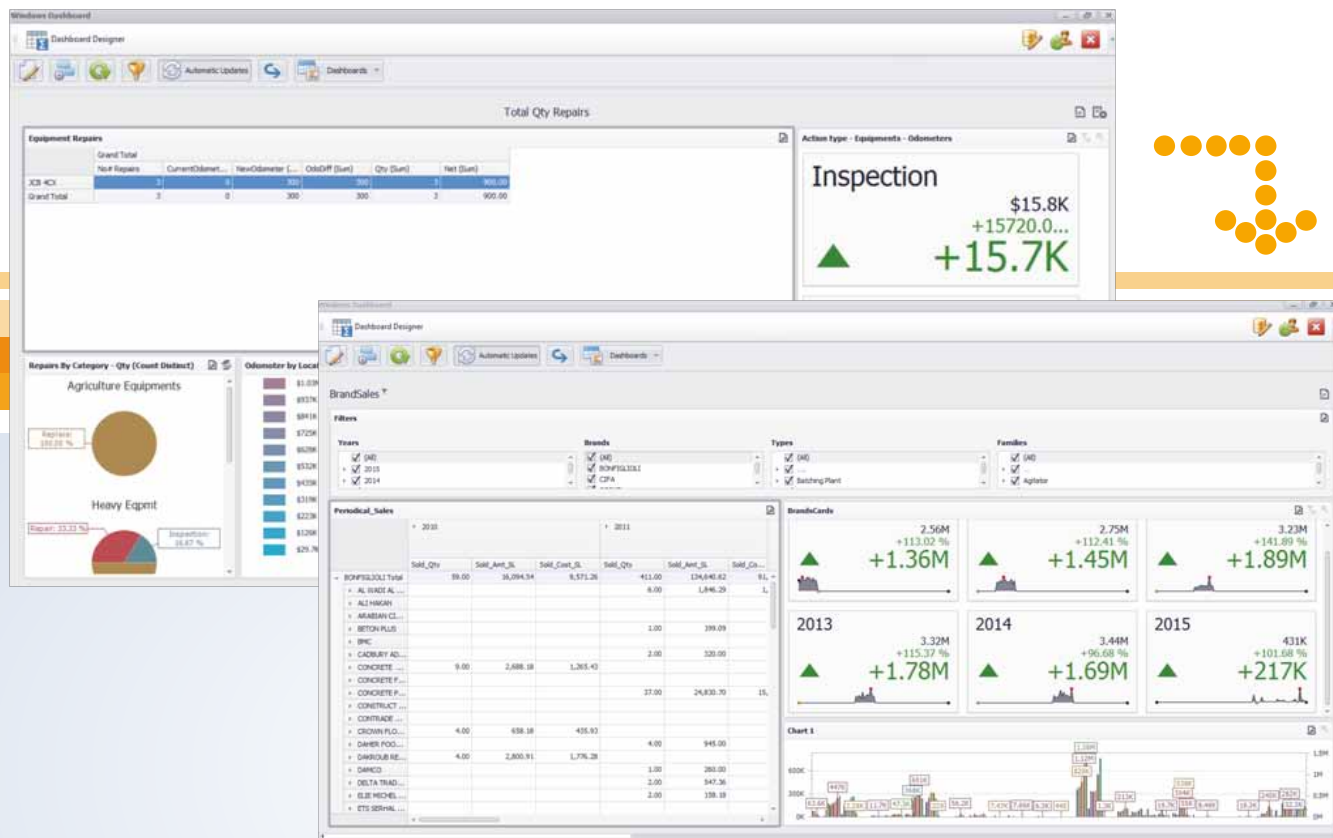
Represent yearly agreements on maintenance works, (such as property management). Call centers allow the generation of tasks & missions assigned to employees & operation personnel for actions to take. Actual costs of such tasks are measured versus annual fees and charges. Automatic renewal of Contracts may be generated (in a shape of proposals) at the expiry of the previous agreement.



- Analytics and Reporting

Dashboards & Business intelligence tools add to the traditional reports more graphics and better drill down analysis, by compiling all data from the system's transactions. Dimensions could be the Years& Months, Project types, Expenses Types, Project Activities & Cost elements, Clients & Client's activities, Locations (Regions and Countries), Project managers & Account executives, ...

All these elements are melted together for displaying helpful and constructive graphical analysis covering all management needs.



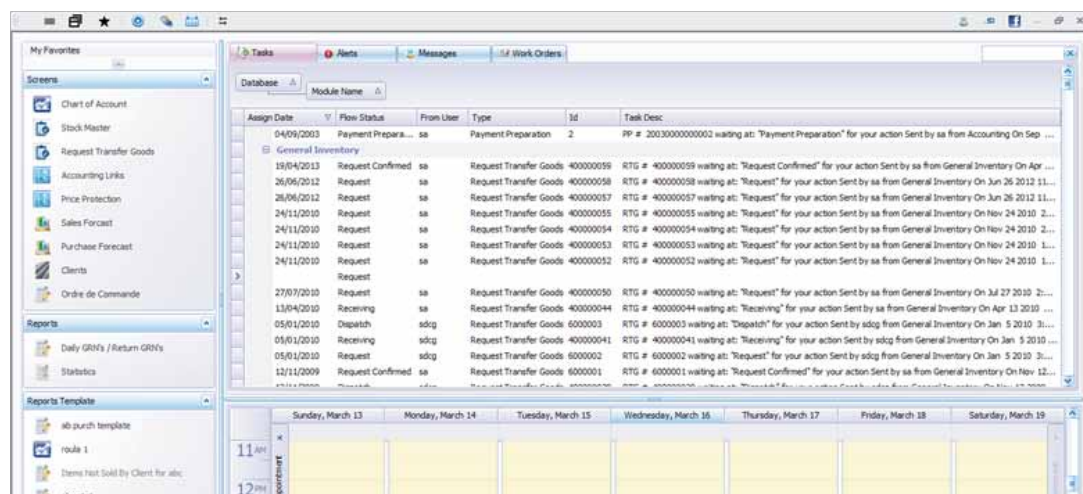
- Mobility (IOS, Android and Portable Devices)

It adds to the friendliness and offers a fast access to project's data. Mobile apps grant an online access to the systems, from wherever you are, about the project's status: Clients contacts & phone numbers, clients financial balances, statement of accounts, unsettled transactions, detailed project information and statuses...

More to come in future releases for mobile online approval of Purchase Requisitions, or monitoring the suppliers deliveries.

- Alerts: accessible from " My Dolphin "

More humanization of the technology.. My Dolphin allows you to define immediate alerts & send them to concerned persons based on their elements of interest: Alerts when budgets are exceeded, when client collections are delayed, when a workflow request is left pending & unattended... just few samples of hundreds of alerts that highlight matters to key people that may be sorted out at their very early stages.



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