B·E·I·M·S

Modular Enhancements

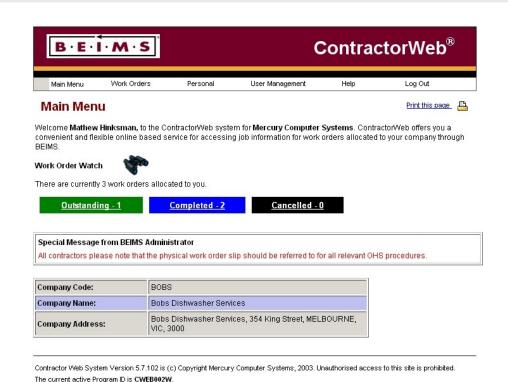
ContractorWeb®

Improve workflow, simplify record keeping and save time, resources and costs with ContractorWeb

ContractorWeb provides a convenient and flexible online based service for contractors to access and sign-off Work Orders allocated to them through BEIMS. They can easily view, print, or update the status of jobs via the internet/intranet. This information is then updated directly within BEIMS. ContractorWeb brings real time web functionality benefits to your business and your contractors as well as allowing them to case manage their time, staff and jobs.

BENEFITS:

- Contractors have the ability to print Work Orders directly from the web
- No need for contractors or suppliers to contact maintenance to check on jobs allocated to their company
- Detailed job information available for contractors online
- An electronic record of jobs assigned and completed is maintained
- Job progress details are automatically communicated to maintenance
- Simplifies record-keeping of staff details, action taken and time spent on jobs
- Reduces double entry of data by providing contractors the ability to update job information via the web
- Contractors can assume responsibility for up to date contact details and records
- Contractors can directly export their list of Work Orders to Excel
- Personalised list of Work Orders and screens for each contractor
- Provides around the clock availability of important information
- Set up notification alerts should the contracting company not have assigned anyone to do the work within an agreed time frame



MERCURY COMPUTER SYSTEMS (Aust) Pty Ltd

FUNCTIONAL OVERVIEW

ContractorWeb works by improving workflow and communication between you and your contractors and allows for better planning and preparation of work for on-site jobs.

ContractorWeb allows contractors to:

- Review jobs allocated to their company
- Print/Save individual Work Orders or multiple job lists
- Complete / cancel jobs
- Assign a tradesperson to a Work Order
- Record action taken / times against a job
- Update company details

Tradespersons can be added and also edited from within ContractorWeb.



Typical maintenance scenario without ContractorWeb:

The dispatch centre enters a Work Order into BEIMS, and then delivers the Work Order to contractors via mediums such as fax/email. After they receive the Work Order, contractors complete and fax it back to the dispatch centre.

This process creates additional data entry, as the contractor must update the work slip and the dispatch centre must re-enter the information into BEIMS. It is also difficult to dispatch jobs after hours and manage multiple contractors for different jobs on multiple sites.

Typical maintenance scenario with ContractorWeb:

The dispatch centre can enter Work Orders into BEIMS, after which ContractorWeb will automatically upload Work Orders to contractors. Contractors can then view, update and complete Work Orders via the internet. ContractorWeb then automatically updates BEIMS when any changes are made.

By automatically updating BEIMS, ContractorWeb reduces Work Order administration time and allows contractors to manage their own Work Orders, even allowing them to update them after hours. The system also centralises all Work Order information, and makes it easier to manage many contractors/jobs simultaneously.

FUNCTIONAL DETAIL

User Access and Login

ContractorWeb allows authorised contractors to access and log in to BEIMS remotely.

B·E·I·M·S	ContractorWeb [®]
Login	Print this page 🕒
This site offers BEIMS Contractors online Please note, this is a password protected	rWeb for Mercury Computer Systems access to work orders and complete follow-up service with dedicated customer care. I site. entering your "Username" and "Password", then clicking on the "Login" button.
Username: Password:	(Always uppercase) (Case sensitive) Login Clear

Upon entering their login, contractors are directed to a Main Menu. The main sections within this are:

- Work Orders
- Personal
- User Management
- Help
- Logout

The Main Menu also provides information about the Supplier.

Information is provided about how many Work Orders are currently allocated to the contractor. Contractors can quickly navigate to the Work Order Listing page using the links below.

Work Orders Menu

From the Work Orders drop down menu, the two options are Work Order Listing and Reports.

Work Order Listing

The Work Order listing shows jobs allocated to a particular supplier code. The list is filtered by **Trade Status**:

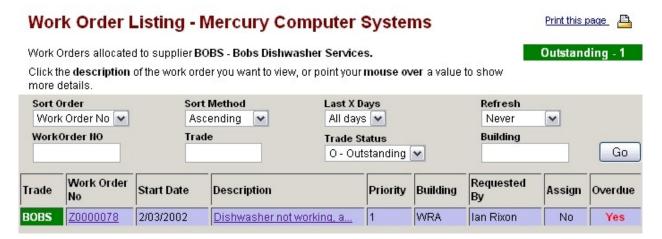
- Outstanding
- Completed
- Cancelled

Data can also be filtered by the dropdown lists:

- Sort Order
- · Sort Method
- Last X Days
- Work Order No
- Trade Code
- Trade Status
- Building

A **Refresh Rate** can also be set using the dropdown list provided. Setting the refresh rate tells ContractorWeb how often it should look for any new Work Orders that have been allocated to the contractor and adds them to the list. Clicking on the 'GO' button will also refresh the list.

To navigate to a particular Work Order, the contractor can click either the hyperlink of the **Work Order number** or the **Work Order description**.



Work Order Details

Upon clicking on a Work Order Listing, the Work Order Details page will open. BEIMS Administrators have the ability to alter the fields displayed to contractors.

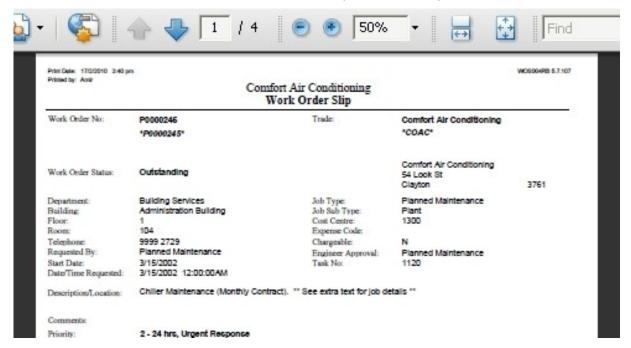
The fields on the screen are divided into 6 Sections:

Work Order

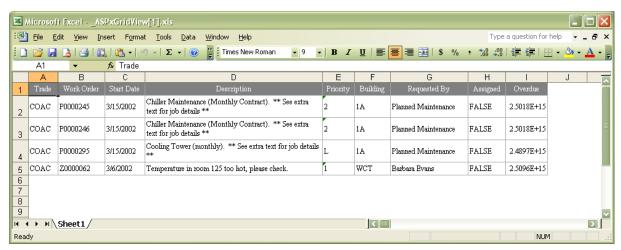
All of the fields in this section are display only. They summarise the basic details of the Work Order such as Requested Date/Time, Description, Location and Extra Details (see sample below)



Work Orders can then be viewed as PDF files and printed directly from the browser.



Contractors can also export a list of Work Orders to Excel to be manipulated for their own requirements or managed with other work.



Tradesperson Assignment

Contractors can assign a valid Tradesperson from the dropdown list provided. This person will be added to the list of Tradespersons already assigned to the job.



Tradesperson Times

Details of existing times entered against the Work Order appear in the Existing Tradesperson Times Table. When entering times for a Tradesperson allocated to the job, the Tradesperson, work date and charge type details become mandatory.



Materials Used

Material used by a contractor to complete a Work Order can be recorded in this screen. This information is recorded against the Work Order in Core BEIMS. Fields with the * denote a mandatory field.

Material Used for Work Order 'Z0000078'



Action Taken

This screen is designed to enable the contractor to enter a detailed comment, date and History Type on completion of the job. This information can be reported through the Work Order Report in Core BEIMS.



Trade Completion Details

Work Orders can be 'Completed' in the Trade Completion Details section on the individual Work Order Details screen within ContractorWeb. The Work Order Status, Completion Date and Completion time will be updated automatically in the BEIMS Work Order System.



ContractorWeb Reports

From the Work Orders dropdown menu is the option 'Report'. The following reports are available:

- Contractor Trade Status Report
- Contractor Cost Report
- Contractor Trade Statistics Report
- Days Left Before Overdue Report



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Contractor Trade Status Report

The Contractor Trade Status Report allows you to run reports on all Trades assigned to a Work Order. This report can have a Sort Order, be based on Selection Fields and a display only Selection Date range if required.

Example Report refer to Appendix 1 - Contractor Trade Status Report

Contractor Trade Statistics Report

The Contractor Trade Statistics Report allows you to run reports on the statistics of all Trades assigned to a Work Order. This report can have a Sort Order, be based on Selection Fields and a display only Selection Date range if required.

Example Report refer to Appendix 2 - Contractor Trade Statistics Report

Contractor Cost Report

The Contractor Cost Report allows you to run reports on all Trades assigned to a Work Order. This report can have a Sort Order, be based on Selection Fields and a display only Selection Date range if required.

Example Report refer to Appendix 3 - Contractor Cost Report

Days Left Before Overdue Report

The Days Left Before Overdue Report allows you to view a list of work to be completed by due date. This report is useful for viewing upcoming work and developing a schedule based upon priority.

Example Report refer to Appendix 4 - Days Left Before Overdue Report

User Management

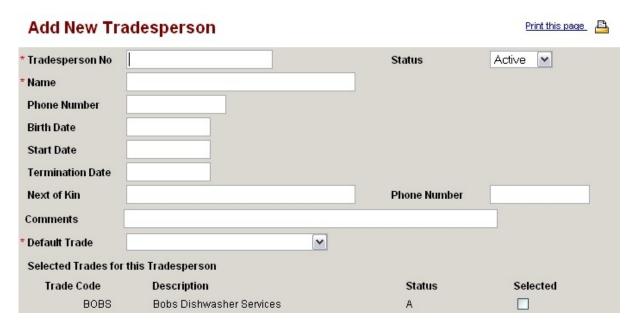
If given administrator rights, users can also add/edit users and tradespersons within the ContractorWeb system.

Add New Tradesperson

Tradespersons are used to identify either a company employee or contractor whose personal information you wish to record. Once a person has been set up in the Tradesperson Details screen you can track their work times for specific works orders (or jobs).

The screen also allows you to enter personal details of the tradesperson.

If a tradesperson is added through ContractorWeb it will automatically be updated within BEIMS.



Rates for individual tradespersons need to be added from within BEIMS.

User Manual

There is also a helpful user manual available for access on the system at all times. The User Manual option in the Help menu will open the ContractorWeb User Manual as a PDF file.

Appendix 1—Contractor Trade Status Report

User Name Report Id	CWE	MH CWEB001R v5.7.061	S	Contractor Trade Status Report by Asset No Trade complete status in [O.X.C], Supplier code = 21949	tus Report 7,X,C], Supplier	by Asset No					Page Print Date	1 19/02/2010
Number V	Work Order Status Des	Vork Order	Code	Trade Overdue Status	Start Date	Trade Comp. /Canc. Date	WO Comp. /Canc. Date	Priority	Department	Building	Floor Room	шоо
Asset No: <blank></blank>	<blank< th=""><th><u> </u></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></blank<>	<u> </u>										
R0006818	S	Rqsts to have the Magnetic System that secures the Level 3 Fire Door in the Wigan Building fixed. Currently the door is held back by a rather large block of concrete, and this will prevent the door from closing in a Fire Alarm Activation. Go to Extra text	ALLDOO	Cancelled	26/02/2007	26/02/2007 9/03/2007	18/04/2007	Q	FPCS	WIG	ю	
R0013384	×	Door up by Hunter 323. The push button is not working correctly and only one opens instead of the usual 2.	ALLDOO	Cancelled	5/10/2007	8/10/2007	8/10/2007	C	FPAD	HO	ĸ	
R0015905	Ü	The new auto doors put in for GR Level 1 have faults, the outside one hits the wall when fully open and the inside one opens half way.	ALLDOO	Cancelled	10/01/2008	10/01/2008 20/03/2008	7/04/2008	Ö	СОЕ	GR	-	
		Needs repair before damage is done to door and wall.										
R0020875	S	Request to replace badly worn track which is damaged because the concrete has broken up under the existing join and has caused the door to continually run off the track. Also the rollers will need to be replaced Alldoors have given a price of \$860.00	ALLDOO	Completed	17/07/2008	17/07/2008 12/08/2008	12/08/2008	Q	EXCE	ZA	∞	
R0024894	C	Please could I have a work order raised for the following:	ALLDOO	Completed	15/12/2008	15/12/2008 21/01/2009	21/01/2009	Ω	FPCS	GB	7	
R0025454	Ü	Old Government Building, Salmond Room Main doors sticking when both are closed. AllDoor Servises to replace drive motor on single sliding door, Dunlop Tee auto door	ALLDOO	Completed	20/01/2009	20/01/2009 28/01/2009	28/01/2009	Q	EXCE	Ν	-	100B
R0025460	O	All Door quote \$1045 + gst RB Level 4 entry door into the harbour side stairwell I have checked this and the doors move fine but one still eatches on the earpet when opened fully. Can you please send someone again to shave a bit off the bottom of one of the doors?	ALLDOO	Completed	20/01/2009	20/01/2009 27/01/2009	27/01/2009	Q	ISLK	RB	4	473

Appendix 2—Contractor Trade Statistics Report

User Name	Σ		Contractor Trade	Contractor Trade Statistics Report	۲				Page	9
Report Id	CWEB002R V5.7.060		Trade complete status in [O,X,C], Supplier code = 21949	X,C], Supplier code = 2°	1949				Print Date 19	19/02/2010
Number	- Work Order Status	 Description	Trade Code	Trade Status	Department	Date Requested	Start Date	WO Comp./ Cancel Date	Est. Comp. Date	Actual Hours
Building:	GB - Govern	Building: GB - Government Buildings								
R0024894	C	Please could I have a work order raised for the following :	ALLDOO	Completed	FPCS	15/12/2008	15/12/2008	21/01/2009	20/12/2008	00.00
R0026579	C	OGB ground floor Disabled doors out to the quad are not c	ALLDOO	Completed	FPCS	19/02/2009	19/02/2009	20/02/2009	26/02/2009	0.00
R0028859	C	A/hrs 18/4 @ 2000hrs - Auto doors not operating.	ALLDOO	Completed	EXCE	21/04/2009	21/04/2009	21/04/2009	22/04/2009	00.00
R0032658	C	OGB internal door from Bunny St had a door mag replaced	ALLDOO	Completed	FPCS	17/08/2009	18/08/2009	25/08/2009	25/08/2009	00.00
T0002719	C	The North end Lambton Quay/Bunny (near the crèche) stre	ALLDOO	Completed	FPAD	2/03/2006	2/03/2006	3/03/2006	4/03/2006	00.00
T0002825	C	GB entry Exit door facing RH door returner has come off,	ALLDOO	Completed	SPS	6/03/2006	6/03/2006	7/03/2006	8/03/2006	00.00
T0012427	C	Main entrance door (Bunny St entrance) needs urgent atter	ALLDOO	Cancelled	EXCE	8/02/2008	8/02/2008	8/02/2008	8/02/2008	00.00
T0020044	C	CALLOUT: 19/4/09: 2300hrs: Doors in the OGB lecture b	ALLDOO	Completed	FIRSTS	20/04/2009	20/04/2009	21/04/2009	20/04/2009	00.00
T0020190	C	CALLOUT: 24-APR-2009: 2028hrs: Could not secure dou	ALLDOO	Completed	FPCS	27/04/2009	27/04/2009	27/04/2009	27/04/2009	00.00
T0022066	C	Roller door in library cannot open.	ALLDOO	Completed	FPCS	17/07/2009	17/07/2009	17/07/2009	17/07/2009	00.00
T0023171	0	ogb lecture block the doors are beeping constantly and not	ALLDOO	Outstanding	FPCS	7/10/2009	7/10/2009		7/10/2009	0.00
Statistics for Building: GB	for GB - Govern	Statistics for Building: GR - Government Buildings								
0										
Number of co Number of ou Number of co Total Trades	Number of completed trades Number of outstanding trades Number of cancelled trades	ades 9 trades 1 ades 1	Summ: Total H Averag	Summary of Completed Trades: Total Hours Taken Average Hours Taken	rades:	0.00				

Appendix 3—Contractor Cost Report

User Name	МН					Page 1
Report Id	CWEB003R v5.7.61 Contra	Contractor Cost Report by Asset No Trade complete status in [O,X,C], Supplier code = 21949	/ Asset No er code = 21949		Print Date	Date 19/02/2010
Asset No: <blank></blank>	Blank>					
W/O No W/O Status	Description Dept Start Date Domain	Job Type ain Sub Type	Building Floor	Asset No Room	Cost Centre Exp. Code	Budget (\$)
R0027691 C	work requested for the Sutherland room Rankin brown.1/Automatic EXCE 18/03/2009 VUW	E RM BULK	RB 3	305A	2232 33011	\$0
Work Date	Tradesperson	Trade		Hours	Extra Cost (\$)	Value (\$)
28/04/2009	XLBS11 Allan Taylor XLBS11 Allan Taylor	EXCBM EXCBM Total Louise	Normal 0.74 0.25 0.99	0.00	0.00 Total Labour Costs:	0.00
W/O No W/O Status	Description Dept Start Date Domain	·i	Building Floor	Asset No Room	Cos	Budget (\$)
R0029629 C	aluminum doors to outside deck area . the first door which you closs EXCE 11/05/2009	E RM CP.IN	SU 0		2232 33011	80
W/O No W/O Status	Description Dept Start Date Domain	Job Type ain Sub Type	Building Floor	Asset No Room	Cost Centre Exp. Code	Budget (\$)
R0029772 C	Please repair sliding doors. They have come off their runners & can PSYC 18/05/2009	RM DORS	EA 5	527	2232 33011	80
W/O No W/O Status	Description Dept Start Date Domain	Job Type ain Sub Type	Building Floor	Asset No Room	Cost Centre Exp. Code	Budget (\$)
R0029959 C	The R/H auto door in WA2 facing MA2 is working intermittently p COE 22/05/2009 VUW	MNW BPEM	WA 2	251	2232 33011	80
W/O No W/O Status	Description Dept Start Date Domain	Job Type ain Sub Type	Building Floor	Asset No Room	Cost Centre Exp. Code	Budget (\$)
R0029993 C	The left side swing auto door bracket that moves the door by the arr COE 25/05/2009 VUW	RM AUDR	WA 1	151	2232 33011	80

Note: This ONLY reports labour and materials (stores).

Appendix 4—Days Left Before Overdue Report

User Name Report Id	MH CWEB004R V5.7.60 Days Left Bef Trade con	ore (ft Before Overdue Jobs Report by A: Frade complete status in [O.X.C], Supplier code = 21949	Days Left Before Overdue Jobs Report by Asset No Trade complete status in [O.X.C], Supplier code = 21949	2			Page Print Date	Page 19/02/2010
WO No	Description	iority	Priority Department	Building	Floor	Room	Request Date	Est. Com. Overdue I	Days Left To Overdue
Asset No: <blank></blank>	<blank></blank>								
Trade: ALL	Trade: ALLDOO - All Door Services (2004) Ltd			1					
T0018060	problem with the door HU 158. The door seems to be faulty and keeps slam	В	ADMIN	HU	1		18/12/2008	20/11/2009 Completed	-91
T0018243	Faulty door, won't close. Must be fixed before 5.30pm this evening as door of	В	ADMIN	RH	G	G10	09/01/2009	22/01/2009 Completed	-393
T0018462	Main doors are very loud when they close - please investigate.	C	ADMIN	HU	1	153	27/01/2009	29/01/2009 Completed	-386
T0019996	Railway the internal glass sliding door on the station side is not working aga	C	ADMIN	RWW	0		17/04/2009	21/04/2009 Completed	-304
T0020215	The auto door in Gray Block level 2 is not responding again, the guy was up	В	ADMIN	GR	2		28/04/2009	28/04/2009 Completed	-297
T0020232	Afterhours entry - push button to open doors only opens left hand side door	C	ADMIN	KK	2		28/04/2009	30/04/2009 Completed	-295
R0032311	We have had reoccurring issues with the doors that I know of since I started	Ω	SEPI	PA	2	213	008/2009	17/08/2009 Completed	-186
T0019795	The hinge on the door going out into the 3rd Floor Cotton Building North en	В	SES	CO	ю		02/04/2009	02/04/2009 Completed	-323
T0019614	Push button for the EA exit is permanently stuck.	В	SIM	EA	1		20/03/2009	20/03/2009 Cancelled	-336
T0018025	Door 257a needs adjusting before the glass breaks	C	UNIO	SU	2		16/12/2008	15/01/2009 Completed	-400
T0020632	Automatic doors to room 157D are opening all by themselves. Please repair.	В	OINIO	Ω S	1	157D	19/05/2009	19/05/2009 Completed	-276
R0026095	Repair door closer. This is part of security to level 7.	В	PSYC	EA	9	601	05/02/2009	05/02/2009 Completed	-379
R0029772	Please repair sliding doors. They have come off their runners & can't be clos	C	PSYC	EA	5	527	18/05/2009	20/05/2009 Completed	-275
T0001158	The Auto door on the Ground floor from KK leading to HU court is faulty	ပ	SBS	KK	0		25/01/2006	27/01/2006 Completed	-1,484
69600000L	The Eletrical Garage is not working and needs repairs. Garage facing the CC	C	SCPS	LB	0	E083	19/01/2006	21/01/2006 Completed	-1,490
R0030705	Laby dockway roller door has faulted. Please investigate.	င	SCPS	LB	0		18/06/2009	22/06/2009 Completed	-242
R0033122	Roller door into Theatre studio at 77 FT is broken	C	SEFTMS	FT77	1	102	29/08/2009	21/09/2009 Completed	-151
R0026110	Pls repair north end sliding doors to RB level 2 foyer. Campus Care report the	C	ISLK	RB	7	258	05/02/2009	07/02/2009 Completed	-377
R0026159	Pls repair RB level 2 afterhours door from foyer into Library. Been found str	C	ISLK	RB	7	203	09/02/2009	11/02/2009 Completed	-373
R0030963	Glass door from harbourside glass stairwell into RB level 3 has come off bot	В	ISLK	RB	3	373	26/06/2009	26/06/2009 Completed	-238
T0021286	Could we please have a couple of signs in Murphy altered? There is one out:	ပ	ITSO	MY	7		10/06/2009	12/06/2009 Cancelled	-252
R0027220	door does not close.	Ω	LALS	ZA	4	452	06/03/2009	11/03/2009 Completed	-345
R0027495	Women's toilet door on level 4 of the VZ building does not open properly an	В	LALS	ZA	4	452	12/03/2009	12/03/2009 Completed	-344
T0001090	Exit door - will close but will not lock closed (ie the door can be pushed ope	Ω	ISLK	RB	7	258	24/01/2006	29/01/2006 Completed	-1,482
T0001280	The auto-door at the entry on level 2 Rankine Brown is not functioning prop	C	ISLK	RB	7	255	30/01/2006	01/02/2006 Completed	-1,479
R0027337	Smoke stop doors not sealing correctly. Please check that they are up to stan	Д	ISLK	RB	0	055	10/03/2009	15/03/2009 Completed	-341
R0025859	one of the doors has come off its bottom hinge in the harbourside glass stairs	В	ISLK	RB	3	373	29/01/2009	29/01/2009 Completed	-386
R0025460	RB Level 4 entry door into the harbour side stairwell I have checked this and	Д	ISLK	RB	4	473	16/01/2009	27/01/2009 Completed	-388
R0026969	Automatic ENTRY door to Library is not working. It will not close if set to :	В	ISLK	RB	7	203	02/03/2009	04/03/2009 Completed	-352
T0001378	Waghorn Bldndg, Karori Campus. Sliding door rails are in need of attention	၁	FPFM	WA	1		01/02/2006	01/02/2006 03/02/2006 Completed	-1,477