TOSHIBA
Leading Innovation

Technical Information Bulletin no. 170

Issue date: 24th June 2011

SUBJECT: Release of the SMMS-i Sales Tools Software

TOSHIBA would like to announce the release of the ***Updated*** ***"SMMS-i Selection Tool Software"*** which now has the reported "bugs" fixed.

1. Product Descriptions

The SMMS-i Selection Tool software will allow you to design a SMMS-i system, both Piping & Wiring, and will automatically check your design prior to creating an output in an Excel, DXF, PDF format or a Report Style format.

This software also will allow you to compare the New SMMS-i Seasonal Performance with the old MMS system. The software will allow the user to select the country, area/city, set temperatures, operating period and operating times and then the software will calculate the typical annual power consumption for the designed VRF system. It also will compare the designed VRF system to the equivalent MMS system.

2. Compatible CDU

This version of the software is currently compatible with the SMMS-i, Outdoor Units.

3. Specifications

This release of the SMMS-i Selection Tool Software is Version 2.1.7.0

The languages that are currently available for this software are:

Bulgarian	Hungarian
Chinese (Simplified)	Italian
Croatian	Polish
Czech	Portuguese (standard)
Dutch	Russian
English	Slovak
French (standard)	Slovenian
German	Spanish
Greek	Turkish

The above 18 languages is part of a continuing improvement program; more may be added in future releases. Please note that this release will have a small amount of English in all translations where new features have been added. This will be resolved in the Full Version.

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4. Availability Date

This release will be available to download from the EMEA Portal by the end of the 24th June 2011. As always major updates will be announced by a Product Bulletin.

5. Installation Notes

If there is a previous version of the SMMS-i Selection Tool Software installed, please refer to the installation notes below.

The projects you created on the previous versions are not compatible with this release (Version 2.1.7.0). If you do not want to lose the information in the previous versions of the software, please save them by Exporting them or by output file (Excel or PDF format), as you will need to delete them all.

To install this new version of the software, please follow the instructions below:

1. Uninstall current version of the program by using "Add or Remove Programs" in the Control Panel of the Windows Operating System.

2. Delete all remaining files by deleting the "Selection Tool 2010" folder. The default location of it is:

   C:\Program Files\Toshiba\Selection Tool 2010

3. Unzip the downloaded file ST2010 Ver2170.zip and execute the unzipped Setup.exe and then follow the instructions of the installer.

6. Feedback

Any feedback on the performance or additional requests must be returned to EMEA Pre-Sales Team by the 1st June **using the form at the end of this bulletin**.

7. Future Releases

It is planned to release a Full Version of this software later in Q3, where most of the Market Requests will be implemented. No further updates will be released until this date.



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SMMS-i Piping Selection Software Feedback

Country (Company)	

No	Mode	Location (name of the window)	Type of inquiry	Comment Note: If reporting a problem, please specify how the problem happened, action by action as detailed as possible
Ex.	Wizard	Indoor unit list	Bug fix	Temperature can not been saved, when I left the window after save.
Ex.	Drag drop	Output file	New feature	xxx function is required
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Country (Company)	ALL

No	SE	Mode	Location (name of the window)	Type of inquiry	Comment * if problem report, please specify how the problem happened, action by action as detailed as possible	Status	TCUK Check	Comments
1	Gr	Both	Simple Draw	Bug	Pipe size of indoor unit is wrong when actual pipe length exceeds 15m (007 to 012 sizes). When < 15m pipe sizes should be 9.52mm and 6.4mm, when => 15m pipe sizes should be 12.7 and 6.4mm. Version 2.1.5.4 reports the pipe size for => 15m as 12.7mm and 9.52mm) increased both sizes, not just the gas	Closed	Close V2162	
2	EM	Both	Simple Draw	Bug	When displaying the pipe diameters in imperial, all the pipe sizes have two inch symbols. For example 1/2" is displayed as 1/2"". Version 2.1.5.4	Closed	Close V2160	
3	EM	All	Output	Special Request	Before confirming the specification of the output selection screen, please confirm with EMEA Pre-Sales Team. As we are still getting requests based on this.	Open		To be condirmed during the process of Full version development
4	EM	Wizard D&D ?	Ref. System Design	Bug	The software sizes the required cooling load on the corrected heating capacity of the outdoor unit and the required heating load on the corrected cooling capacity of the outdoor unit.	Closed		
5	EM	Both	Outdoor Selection Window	Bug	The save button needs to be enabled as soon as the window opens, not when the some data is entered/changed. Based on the '*' you do not need to enter any data, but if you do not enter any data, you	Closed		
6	EM	Both	Output	Bug	Central wiring has an error on Excel, PDF and DXF outputs. When two different Wiring Systems are specified, the central controller output links these two TCC-Link wiring systems together.	Closed	Close V2160	
7	EM	Both	Output	Bug	On the Excel, PDF and DXF central control outputs, the wiring of the Central Controller goes on top of the additional gas charge amount of the 1st system.	Closed	Close V2160	
8		Both	Simple Draw	Bug	Pipe size of indoor unit is wrong when actual pipe length exceeds 15m (007 to 012 sizes). When < 15m pipe sizes should be 9.52mm and 6.4mm, when => 15m pipe sizes should be 12.7 and 6.4mm. Version 2.1.5.4 reports the pipe size for => 15m as 12.7mm and 9.52mm) increased both sizes, not just the gas	Closed	Close V2162	
9	De	Both	All input Windows	Bug	PDF/DXF outputs do not show the pipe length in the summary table (Non-English OS).	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
10	De	-	Output	Bug	Report output on 2.1.4.2 fails (Non-English OS).	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
11	De	-	Output	Bug	On PDF (DXF….?) the unit of temperature is getting mixed up. For example, it started in ºF, then changed to ºC. The output changes to ºC but the actual temperature is in ºF (95ºC).	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
12	De	Both	Preferences & Output	Bug	Output Excel Report does not update correctly after being edited, it sometimes outputs the old design, before the editing (potential compatibility issue of "sfc file" and functions between versions).	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
13	De	D&D + Wizard?	Simple Draw	Bug	When copying and pasting an indoor unit from the 1st indoor unit, and then dropping the required capacity, which reduces the unit model size, it gives a "Required Capacity Exceeds Correct Capacity" error (capacity checks turned off). #Solved 2.1.4.6	Closed		
14	De	D&D + Wizard?	Simple Draw	Bug	"Failed to Draw" error message when copying a Y-Joint with 3 or more dummy indoor units and then trying to delete one of the copied Y-Joints.	Closed	Close V2160	
15	De	Both	Indoor Unit Data	Bug	Corrected Capacity changed from 1.9/2.1 to 3.4 (unit rated at 2.2kW) when the project was re-opened and no changes were made. Excel table output showed negative temperature value for indoor temperature. The Indoor unit temperatures on the Indoor unit data input window were blank. 2.1.4.2.	Closed		
16	De	Both	Indoor Unit Data	Bug	The indoor temperature limit range seems incorrect. Cooling = 21/15 and Heating 15 - 28.	Closed	Close V2162	
17	De	Both	Output	Bug	PDF (DXF) output is still messy, Y-Joint details printed on top of each other.	Closed	Close V2162	
18	De	Both	Indoor Unit Data	Bug	If the Header unit of a group is deleted the name of that Header unit is still selectable for other follower indoor units. #Solved 2.1.4.6	Closed		

19	De	Both	System Info	Bug	Connected % error in the System Info Window. When 12HP FCU and CDU connected, the reported connected load was 133%, the outdoor was then changed to a 10HP and the reported connected load was 128%. #Solved 2.1.4.6	Closed		
20	AC	Both	Simple Draw	Bug	Bug Fix: Outdoor temperature not correcting the outdoor corrected capacity.	Closed	Close V2162	
21	AC	Both	Output	Bug	Bug Fix: Pipe lengths are not shown on PDF output ta	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
22	AC	Both	Output	Bug	The Equipment List output is not correct, does not match the entered design. Fixed	Closed		
23	AC	Both	Controls	Bug	When the High Spec CM or Smart Manager is used, you cannot specify which TCC-Link it should be connected.	Closed	Close V2160	
24	AC	SPC	Output	Bug	Output Graph scales need to match the data.	Closed	Close V2162	
25	AC	D&D Wizard?	Simple Draw	Bug	The software is rejecting a 16HP (135%) with 27x 0.8HP units. #1 It apears that the software is comparing the total rated indoor capacity with the corrected outdoor unit capacity. #2 The calculation of the corrected outdoor unit	Closed	Close V2160	
26	AC	D&D Wizard?	Simple Draw	Bug	Diversity (Building) is not working, even though 135% was selected, the software would not allow 106% (10HP reduce to 8HP).	Closed		
27	AC	D&D Wizard?	Output Selection Window	Bug	"Data Output is Failed" when trying to Output Excel and Report type outputs	Closed		
28	It	-	Output	Bug	Report output on 2.1.4.2 fails (Non-English OS).	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
29	It	Both	Output	Bug	In PDF & DXF output files some words are overlapped and unreadable	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
30	It	Both	Output	Bug	In PDF & DXF output files when grouping indoor units, in the wiring diagram there is no indication which indoor unit is the Header and which indoor units are the Followers.	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
31	It	Both	Output	Bug	In DXF output files the accented letters "à" and "é" is changed to "□E" in Italian	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
32	It	Both	Output	Bug	In PDF & DXF outputs the total pipe lengths for each diameter is all 0.	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
33	It	Both	Output	Bug	In PDF & DXF outputs the additional gas charge should be limted to 2 or 3 decimal places, not 14 decimal places.	Closed	Close V2160	
34	It	Both	Indoor Selection Window	Bug	Add the new VN unit (with DX coil) Remote Controller to the software (NRC-01HE)	Closed	Close V2160	
35	It	Both	Simple Draw	Bug	When deleting a Y-Joint, need to be able to select which part (upper or lower) or both is deleted.	Closed	Close V2162	
36	It	Both	Output	Bug	When you output the project to Excel, the program remembers the last used path. However when you output to DXF format, the program does not remember the last path.	Closed	Close V2160	
37	It	Both	Output	Bug	The DXF output is unreadable and is a real mess. The nearest indoor units to the outdoor are placed, illogically the farthest away.	Closed	Close V2162	
38	It	Both	Output	Request	When you output in DXF format, is it possible to create one DXF file which will contain all the refrigerant circuits, not a separate DXF file currently.	Closed	Not approved	
39	It	Both	Output	Request	Need to output the Piping and wiring seperately when outputting to DXF format.	Open	Full version	This Feature will be included with the Full Verion
40	UK	Both	Simple Draw and Ref. Selection	Bug	When adding indoor units, you always get an "Over Capacity" warning	Closed		

41	UK	Both	Simple Draw and Ref. Selection	Bug	Outdoor corrected capacities are not correct	Closed	Close V2160	
42	UK	Both	Output	Bug	NH said that 6/8" Pipe not ¾" is still used.	Closed	Close V2160	
43	UK	Both	Output	Bug	The PDF output has the last 2 units swaped (1,2,3,4,5,7,6)	Closed	Close V2162	
44	UK	D&D	Ref. System List	Bug	Software crashes: The error (unhandled exception) seems to occur after you copy a project and then you press the 'next' button to get the refrigerant diagram.	Closed	Close 2.1.7.0	
45	Tu	APC	Main Menu	Bug	It is not possible to calculate the energy consumption (APC) of the system without preparing the piping design.	Open	Full version	This Feature will be included with the Full Verion
46	Tu	Both	Output	Bug	The pipe diameters and lengths of the system are not included in the outputs.	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
47	Tu	Both	Output	Bug	PDF and Excel outputs are messy, the sentances do not fit the cells and overwritting each other.	Open	Full version	This Feature will be included with the Full Verion
48	Tu	Both	Output	Bug	Some of the Turkish letters are not written correctly.	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
49	Tu	Both	Simple Draw	Bug	After copying and pasting an indoor unit, the program will not let any changes to the indoor unit specifications on the copied unit.	Open	Pend (need local check)	EMEA/TCC are waiting for feedback from Selling Entities if fixed or not
50	Tu	Both	Indoor Selection Window	Bug	Need to select the indoor unit only by sensible capacity and not both sensible and total.	Open	Full version	This Feature will be included with the Full Verion
51	Tu	APC	Output	Bug	Version 0.1.0.5 and the built-in version of APC software gives different results in Heating.	Closed	Closed V0.1.0.5 has a bug	
52	Tu	Both	Output	Bug	The Equipment List on Excel & PDF (+DXF?) does not match the system design.	Closed		
53	Sp	Both	Output	Bug	On the PDF Output the Joint part numbers are overlapping each other.	Closed		
54	Sp	Both	Output	Bug	When the project is large, the output needs to be able to select "Fit-to-Page" if required.	Open	Full version	This Feature will be included with the Full Verion
55	Sp	D&D + Wizard?	Simple Draw	Bug	The error message "The required capacity is bigger than the corrected capacity." is being displayed, but it is wrong.	Closed		
56	Sp	Both	Simple Draw	Bug	The DX Kit is not included.	Closed	**Not approved**	
57	Sp	Both	Simple Draw	Bug	When deleting a Y-Joint, need to be able to select which part (upper or lower) or both is deleted.	Closed	Close V2162	
58	EM	DD	Simple Draw	Bug	Text overlap See [data] sheet for detail	Closed	Close V2162	
59	EM	Both	Excel output	Bug	BMS CM device name is missing on the Excled output schematic. See [data] sheet for detail	Closed	Close V2162	
60	IT	Both	Controls	Bug Request	The Schedule Timer (TCB-EXS21TLE) can not be added to the central control network (using the TCC-Link connections)	Open	Full version	This Feature will be included with the Full Verion
61	IT	Both	Output	Request	Need to be able to output the "System Check" information by Excel, CAD, PDF & Report. This should be selectable to include in the output or not.	Open	Full version	This Feature will be included with the Full Verion
62	IT	Both	Output	Request	The system summary table on DXF and PDF outputs to be similar to the report output on EMEA SMMS Selction software. See the data tab for example.	Open	Full version	This Feature will be included with the Full Verion
63	IT	Both	Output	Request	For all outputs can a table be added that includes the following items: 1. Starting Current 2. Running Current 3. Maximum absorbed current 4. Power Consuption 5. Maximum Absorbed Power Consumption (MCA) 6. Power Factor 7. Power Supply On the electrical diagram Similar to item #47 on the Request sheet we sent (Feedback Summary rev 6.pdf)	Open	Full version	This Feature will be included with the Full Verion

64	IT	Both ?	Indoor Selection Window	Bug	A 3 System project was created in 2.1.4.2 and needs to be updated using 2.1.5.4 (same issue in 2.1.6.1). When you try to change any prameter in the Indoor Selection Window (on any indoor unit) you get an error message that states that the Piping leghth is too long (equ. length between outdoor). The system check function passes the design with no problems. See the	Closed	Close V2162	
65	EM	Both	Indoor Selection Window	Bug	When setting the WB temperature you are allowed to set it above the DB temperature, i.e. > 100% RH. (WB temperature is mistakenly allowed to go above DB tempereture)	Open	Full version	Calculation is working, but ensure that the WB Temperature is lower than the DB.
66	EM	Both	Output	~~Bug~~ Request	The idea to use coloured and numbered joints works well, but the images need to be of higher resolution (better quality) and more finesse is required. For example the Triangles for the Y-Joints should be equilateral and the number centralised within the triangle. Same for the Headers, the rectangles could be a bit wider and the number again centralised within the rectangle. ~~Also the pipework seems to change~~	Open	Full version	This Feature will be included with the Full Verion
67	EM	Both	draw	Bug	When, you delete Y-joint, if you delete upper joint lower joint is deleted, and if you delete lower joint, upper joint is deleted.	Closed	Close 2.1.7.0	
68	EM	Wizard	draw	Request	When you manually create the schematic, active sell in the "Indoor Unit List" goes back to top, and you have to scroll the window everytime you want to choose the indoor listed bottom. マニュアルで配管図を作成するときに、室内リストのアクティブなセルが、室内機を割り当てるたびに最上部に戻ってしまい、下のほうにリストされている室内機を選びたいときは毎回スクロールしなくてはならず、室内機数が多い場合は非常に面倒になる。前の操作時の位置を覚えていたほうが使いいと思います	Closed	Close 2.1.7.0	
69	EM	~~Both~~	~~draw~~	~~Bug~~	~~When checking the corrected outdoor unit capacity, it appears that at -20ºC in heating the frost correction factor (0.96) is not applied to the corrected heating capacity calculation. I think that from -16 to -20, the correction factor is 1.0, I believe that it should be 0.96.~~	Closed		
70	EM	Both	Output	Bug	The group labels (and wiring) is not clear, particularly if the Header unit is after one or more of the Follower units. This is when 3 or more units are grouped and when one or more individual unit(s) separate the grouped units. See [data] sheet for detail	Closed	Close 2.1.7.0	
71	EM	Both	PDF/DXF Output	Bug	Remote controller(s) is not shown on the DXF/PDF equipment list	Closed	Close 2.1.7.0	
72	EM	Both	draw	Bug	Local remote controller can be selected on the Group controlled follower indoor unit, however is not shown on the schematic. And this means that at the moment 3 or more local remote controllers can be selected in one Group even though they are not shown on the	Closed	Close 2.1.7.0	
73	EM	Both	Excel/Report Output	Bug	Equipment list on the Excel/Report output inculudes the remote controller(s) selected for the Group follower indoor unit(s), which is not shown on the schematic.	Closed	Close 2.1.7.0	
74	EM	Both	draw	Bug	when you change display scale factor, end part of some text will be missing. See [data] sheet for detail	Open	Full version	This Feature will be included with the Full Verion
75	EM	Both	Simple Draw	Bug	When you delete a Y-Joint you get presented with a question, which part of the Y-Joint do you want to delete. If you select the button labelled "Lower Connected Units" the upper connected units are deleted. The same happens if you select the button labelled "Upper Connected Units", the lower selected	Closed	Close 2.1.7.0	
76	EM	Both	Simple Draw	Bug	If you replace the first Y-Joint in a new system with a Header Joint (4Way) then replace the Header Joint with a Y-Joint, the software does not draw the image correctly and then every attempt to add or change the layout causes a "Failed to draw an image". Cannot repeat error	Closed	Close	
77	EM	Both	System Check	Bug	The height difference part of the software is not working. The system check reports 0m height difference, when all indoor units are set at 10m. If you set all units expect the last unit to 10m and the last unit to 9m, then the System Check correctly reports a 1m height difference between indoor units, but is incorrect as it claims that there is A 1m difference between the indoor units and the outdoor unit, it	Closed	Close 2.1.7.0	

78	Fr	Both	Outdoor Selection Window	Bug	The Height difference between the indoor units and the outdoor unit (above, below or middle) cannot be selected. (its possible that it is automated now, please inform)	Closed	Close 2.1.7.0	
79	IT	Both	Simple Draw	Bug	When you copy and paste a header with indoor units attached and then try to edit one of the copied units, the changes are not accepted for the unit your are editing, but the changes are applied to one of the original indoor units. Also reported from France and repeated in EMEA Engineering.	Closed	Close 2.1.7.0	
80	IT	Both	Simple Draw	Bug	Italy have accidentally made 2 systems with more than 48 indoor units as version 2.1.4.2 did not check the maximum number of indoor units. System Check windows reports only 48 units but these two projects were issued with 56 and 72 indoor units, but the software reported no problems. I have checked with 2.1.6.5 and the limit is working ok, but the error message "Selected indoor unit capacity exceeds outdoor unit capacity" is confusing. A better error message would be: "Too many indoor units for the	Closed	Close 2.1.7.0	
81	Fr	Both	Outdoo Selection	Bug	The connection ratio (diversity) between indoor and outdoor is not applied between 50 and 100%.	Closed	Not Approved	SMMSi specification has changed, it is no longer applied between 50 and 100%
82	EM	Both	Simple Draw	Bug	If you connect a header branch joint to the outdoor, you get prompted for the pipe length (effectively this is the Main Pipe Length) you enter the length and the main pipe length is updated. However if you then edit the outdoor unit, the Main Pipe Length resets to zero.	Open	Full version	This Feature will beFixed in the Full Verion