



TERUMO

Terumo Cardiovascular Systems & MEDUSA[®] At the Pulse of Product Assembly

PARTNERS IN SUCCESS

1	Type	Old Part (ng5sub)	Type	New Path	New Part (ng5sub)	Description
2				med_tcva or 3 char		
3	INS	0003-29205	TCVS	cap_symbols/lib_dir_1005 sym	0003-29205	250 Yellow cap
4	INS	0003-29201	TCVS	cap_symbols/lib_dir_1003 sym	0003-29201	250 RED CAP
5	INS	0003-29202	TCVS	cap_symbols/lib_dir_1001 sym	0003-29202	250 BLUE CAP
6	INS	0003-29204	TCVS	cap_symbols/lib_dir_1002 sym	0003-29204	250 GREEN CAP

Selected Docs:	Drawing number	Rev.	Drawing name	Ops
<input type="checkbox"/>	72M1-02	1	COATED FORD MACOMB LOW PRIME PACK	PRD
<input type="checkbox"/>	72M2-01	1		MGR
<input type="checkbox"/>	72M3	1		MGR



Terumo Cardiovascular Systems Case Study: MEDUSA4 at the Pulse of Product Assembly

at the back of a drawing set. These might provide warnings or important additional information and can be added or deleted as required.

Other MEDInfo customizations include:

- Allowing only the latest revision of a design to be viewed/printed by “read-only” authorized users
- Drawing locking and notification if a new revision is in-work by the drafting department
- Auto-generation of multi-page PDF documents of all approved designs
- Multi-sheet management of drawings

ERP Systems Integration

After design release, the system automatically generates bills of materials, which are sent to Terumo CVS’ materials management system for purchasing and production.

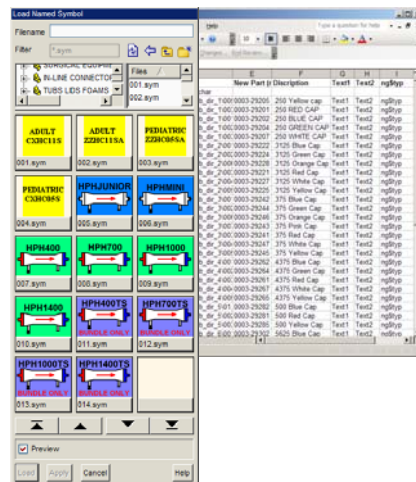
“MEDUSA4’s flexibility and customizability allows for easy integration into existing corporate processes and systems,” explains Don Terepka, Technical Consultant at CAD Schroer’s U.S. office in New York. “Each company is unique, and we work together with clients to create and support custom tools that optimize their design, development and production processes.”

Obsolete Parts Management

Another example of a customization for significant efficiency gains is an Obsolete Parts Management Tool developed by CAD Schroer for Terumo CVS. As technology moves on and parts or materials for medical devices change, Terumo CVS needs to update its designs to reflect such changes. This has to be done efficiently, limiting the amount of costly and error-prone manual interventions required.

CAD Schroer devised a solution which accesses a central spreadsheet that tracks all existing and replacement parts.

On demand, all drawings in the database can be updated with new parts as mapped by the spreadsheet. PDF copies of all graphically modified drawings are then automatically regenerated for Web-based view-only use.



The MEDUSA4 Symbol Manager is used to select and place parts onto designs from an extensive library. An Excel-based tool auto-replaces parts that have become obsolete in all relevant designs.

Fast and Reliable Support

Under its maintenance agreement, CAD Schroer offers full support for the customizations it writes for clients.

Terumo CVS’ Bob Capistran works in partnership with CAD Schroer’s technical consultants. “The customer support that the MEDUSA4 programmers have provided has been exceptional. We can really count on getting quality support in a timely manner,” he concludes.

For more information about Terumo Cardiovascular Systems, please visit www.terumo-cvs.com.

To find out more about MEDUSA4, please visit www.cad-schroer.com.

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