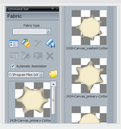
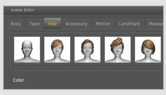
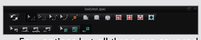
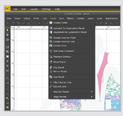
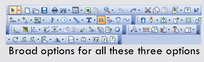
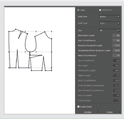
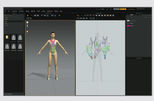
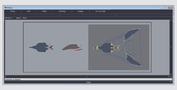
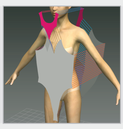
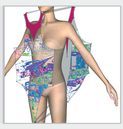
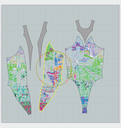
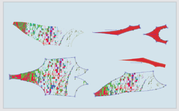
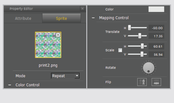
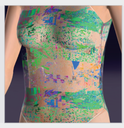
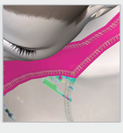
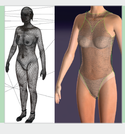
Comparison Analysis 3D Fashion Design Software

Software	Lectra	Marvelous Designer	DC Suite 5.0	optitex	CLO 3D
Operating System					
OSX	No	Yes	No	No	Yes
Windows	Yes	Yes	Yes	Yes	Yes
Linux	No	Yes	No	No	Yes
Simulation Possibilities					
Static/Dynamic	Static	Static and Dynamic	Static and Dynamic	Static and Dynamic	Both
Cache/Realtime	Realtime	Realtime	Cache	Cache	Realtime
Collision Handling 1-5	★★★	★★★★	★★	★★★	----
Fabric Behaviour 1-5	 ★★★	★★★★★	★★★★	★★★	----
Avatar (Look)	Yes	Yes	 Yes	Yes	Yes
Avatar (Sizing)	Yes	No	Yes	Yes	Yes
Avatar (Library)	No	Yes	Yes	Yes	No
Pattern Drawing					
Line/point/panel options	Broad options for all these three options	 Few options but all three are covered	 Broad options for all these three options	 Broad options for all these three options	Additional 2D tools are provided in CLO3D that are not available in MD
Darts	Dart functions but not very convenient to use	Dart function but not very precise	Very nice dart functions	Many dart functions	Yes
Automatic drafting	No	No	 Yes	No	No
Design					
Pattern/3D separateor together	Separate Together	 Together	Together	Together	Together
Automatic sync 2D/3D	One way communication from pattern to 3D program	Yes - Optional	Yes - Optional	No - Hand held sync button	Yes (optional)
Pinning	Yes	Yes	No	No	Yes
Moulage	No	Yes	No	No	Yes
Line to line sewing	 Yes	 Yes	 Yes	Yes	Yes
Free sewing	No	Yes	No	Yes	Yes
Point to point sewing	Yes	Yes	Yes	Yes	Yes
Pull	Yes	Yes	No	Yes	Yes
Selecting Vertexes	No	Yes	Yes	No	Yes
Locking Vertexes	No	Yes	Yes	No	Yes
Prints	 Yes	 Yes	 Yes	 Yes	Yes
Print placement and modification	Yes - Very broad	Yes - Very broad	Yes - Limited	Yes - Very broad	Yes
Coloring	Yes - Pantone colourbook	Yes - Colourpicker	Yes - Colourpicker	Yes - Colourpicker	Yes
Textures	No	No	No	Yes	----
Double sided fabric	No	Yes - Even the side	No	No	Yes
Seam visualization	Yes - You can change thickness of seams	Yes - Even padding/quilting	Yes - Even padding/quilting	Yes - You can change thickness of seams	Yes
Stitches	 Yes	No	Yes	Yes	Yes
Pockets	Yes - Not very user friendly	Yes - Works very well	Yes - Works okay	Yes - Works okay	Yes
Buttons	Yes	Yes - Very realistic	Yes - Not very realistic	Yes - quite realistic	Yes
Library	Yes	Yes	Yes	Yes	Yes
Import Options					
MDL/DXF	Yes	No	Yes	Yes	Yes (DXF-AAMA)
.obj	No	Yes	Yes	Yes	Yes
Export Options					
MDL/DXF	Yes	No	Yes	Yes	Yes (DXF-AAMA)
.obj	Yes	Yes	Yes	Yes	Yes
Communication with other programs					
Maya	No	Yes	Yes - Not now though	Yes	Yes
3DS	No	Yes	No	No	Yes
Export/Plug In	No	Plug-in	Plug-in	Export	Yes
Pricing					
Price	$6,100	$550	$20,000	$9000	$18,000
Licence	Dongle	Code	Code	Dongle	Dongle (enterprise)
Topology					
Faces	Yes	Yes	Yes	Yes	Yes
Vertexes	Triangular	Triangular/Quadrangular	Triangular	Triangular	Triangular / Quad
Edges	Yes	Yes	Yes	Yes	Yes
UV unwrapping	Yes	Yes	Yes	Yes	Yes
User Friendliness					
Easy to learn	No - Even after months practice it's still hard to understand	Yes - One or two days	Yes - One week	Yes - Two week	Identical experience
Manuals/self-study	Yes - Online	Yes - Online	Yes - Not online	Yes - Online	Videos provided
Clear interface	No - It is not very userfriendly	Yes	Yes	Yes	Identical experience