






EMS Services Overview

Product Design & Development	3D Scanning	Rapid Prototyping
		
<p>On-staff industrial designers and mechanical engineers for any project large or small.</p> <p>Capabilities include:</p> <ul style="list-style-type: none"> • Market research & analysis • Sketching • 3D Solid modeling – SolidWorks, Pro/E & SpaceClaim • 3D Rendering & animation -3ds Max • 3D Virtual Clay sculpting – SensAble Technologies • Manufacturing partners – domestic & offshore • Concept to final product 	<p>Four different scanning technologies to meet any scanning needs.</p> <p>The latest in scanning technology including:</p> <p>Z Corp - Z Scanner Z800</p> <ul style="list-style-type: none"> • Hi resolution • Very portable to scan anything anywhere <p>Konica-Minolta – Vivid 9i</p> <ul style="list-style-type: none"> • Interchangeable lenses for small to large scanning <p>Konica-Minolta - Range 7</p> <ul style="list-style-type: none"> • The most accurate & detailed laser scanner available. Great for inspection & ultra high resolution scanning <p>Surphaser – Long Range 3D Scanner</p> <ul style="list-style-type: none"> • Unmatched accuracy & detail to scan medium to large objects <p>GeoMagic & RapidForm software</p> <ul style="list-style-type: none"> • Generate surface or solid models compatible with any CAD system. Direct CAD file formats available <p>SensAble Technologies</p> <ul style="list-style-type: none"> • Virtual clay sculpting software to change scan data. Great for sculpture & artwork. 	<p>Rapid Prototyping machines operating 7 days a week - 24 hours a day.</p> <p>EMS Rapid Prototyping Services include:</p> <p>Z Corp 3D Printers</p> <ul style="list-style-type: none"> • 24 bit CMYK 3D Color – great for assemblies • Fast turn around - 1 day available • Low cost – 50% the cost of others <p>Fused Deposition Modeling (FDM)</p> <ul style="list-style-type: none"> • ABS & Polycarbonate plastic • Great for functional or snap fit parts <p>Multi-jet Modeling - Objet Connex 500</p> <ul style="list-style-type: none"> • Unmatched precision & detail and the ability to do multiple materials at once <p>Stereolithography (SLA) – Viper Pro</p> <ul style="list-style-type: none"> • Very good surface finish & detail • Many materials including clear and “ABS Like” • Large build size <p>Selective Laser Sintering (SLS) – EOS</p> <ul style="list-style-type: none"> • Laser sintered nylon powder & metals to including stainless steel & titanium. Very strong parts
<p>Not all service companies are equal – send us a competitive quote that matches the same technology quoted by EMS and we try to meet or beat that price.</p>		

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