

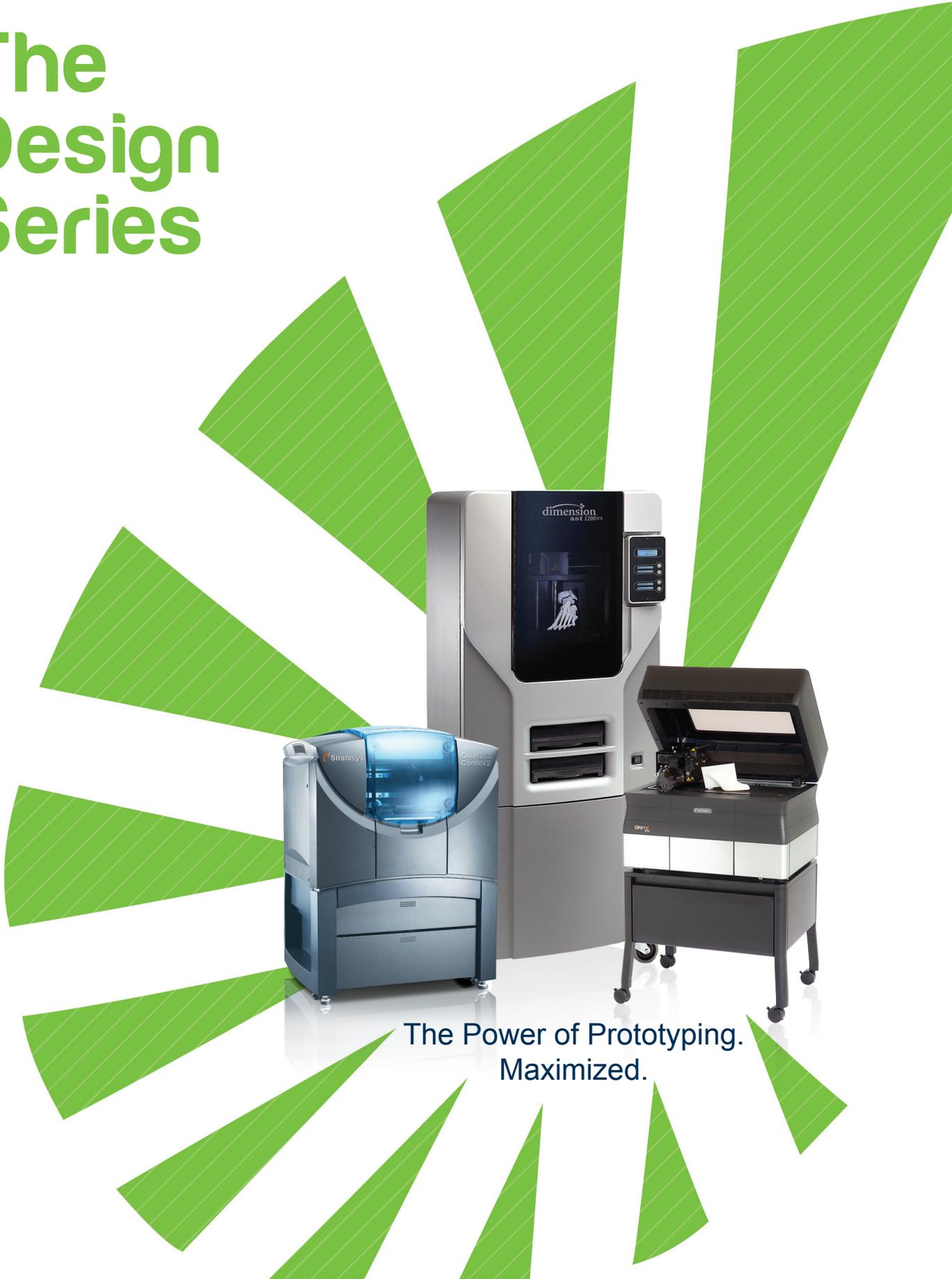


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# The Design Series



The Power of Prototyping.  
Maximized.

# The Design Series



## Bring your designs to life without delay.

Whether you're looking for unmatched strength or exceptionally fine detail, the Stratasys Design Series has a prototyping solution to fit your needs. These 3D printers will dramatically tighten design cycles, improving communication and collaboration and increasing speed to market with fewer costly mistakes – making it possible to insource all phases of the prototyping process. Before you know it, you'll be asking yourself, "Why haven't we been doing this all along?"

Not many investments offer returns this good. It's true: an outsourced prototype can cost as much as five times more than one that's printed in-house. Add to that the time you can save in product development cycles and reduced errors, and prototyping in-house with Stratasys 3D Printers is clearly a good business decision — even if you don't often outsource.

### Multiple 3D printers. One ideal solution for any application.

The Stratasys Design Series offers two distinct categories of prototyping solutions, depending on your exact needs: **Precision and Performance**. Whether you need the best in product realism for important design reviews, or unsurpassed durability to withstand rigorous testing, the Design Series has a 3D printer that's right for you.

## About our technologies

PolyJet™ technology-driven 3D Printers work by jetting state-of-the-art photopolymer materials in ultra-thin layers onto a build tray — layer by layer — until the high-resolution prototype is complete. The intuitive Objet Studio™ software manages the process. And, with the multi-material jetting process found in the Objet Connex™ family, you can combine different material properties in the same prototype, in a single print – creating the most realistic 3D models possible.

Our proven FDM® technology is the foundation for Fortus® and Dimension® 3D Printers. Materials are heated in an extrusion head and deposited in thin layers on a modeling base. The model is built, layer upon layer, with exactness from the bottom up. When the model is complete, the soluble support material is removed, leaving an accurate, durable, functional 3D prototype made of production-grade thermoplastic.



## Why consider Strasys Design Series 3D Printers?

**Directed by you, powered by industry-leading technologies.**

Investing in Strasys 3D Printing brings a global leader onto your team. Proven, professional FDM and PolyJet technologies seamlessly transform your ideas from CAD data into faithful prototypes.

**Collaborate with confidence.**

Design Series 3D Printers improve communication by producing remarkable prototypes right where you need them. Iterate quickly and share 3D models with colleagues and clients for faster, more confident buy-in. Protect your ideas by keeping confidential projects in-house.

**Big ideas fit into your creative space.**

We've redefined office printing and made it 3D. Built on the same technologies as our larger 3D production systems, but compact enough for your workplace, Design Series 3D Printers are clean, quiet and easy to use.

**You dream in different shapes, sizes, materials and colors. Now build in them.**

Precision 3D Printers from the Design Series can produce beautifully smooth, finely detailed models right on your desktop, or wow clients with vibrantly colored, rubber and clear components all in one fast, automated build. Performance 3D Printers deliver durable prototypes for rigorous testing in ABS*plus*™ thermoplastic, with the freedom of soluble support. Either way, you gain maximum feedback on every iteration.

## How it works

With Design Series 3D Printers, proven PolyJet and FDM technologies make 3D printing as easy as 1-2-3.

- [1]** Prepare the file. Create your 3D prototype in 3D CAD software, then open Objet Studio™ or CatalystEX™ software, upload the STL or VRML file and click "print." Objet Studio or CatalystEX software converts your STL output into 3D model print paths — including support structures.
- [2]** Print your prototype. Both PolyJet and FDM technologies build your 3D prototype and its support material, layer by layer, from the bottom up.
- [3]** Remove supports. Take your printed prototype out of the printer's build chamber and remove the soluble or water-jet removable support structures.



# The Design Series

## Precision

**Precision prototyping solutions**, driven by PolyJet technology, set the industry standard for final product realism. PolyJet 3D Printing offers unparalleled speed and the widest range of material properties on the market, including rigid, rubber-like, clear and vibrantly colored. Connex systems let you combine multiple materials in one model, or diverse models into one print job, and the Objet260 Connex3 provides vibrant color, straight from your CAD program with support for VRML files.

Product Specifications	Objet24	Objet30	Objet30 Pro	Objet30 Prime
<b>Model Materials</b>	Rigid Opaque: VeroWhitePlus™	Rigid Opaque: VeroWhite™ VeroGray™, VeroBlue™, VeroBlack™  Simulated Polypropylene (Durus™)	Rigid Opaque: VeroWhite VeroGray, VeroBlue, VeroBlack  Transparent: VeroClear™  Simulated Polypropylene (Endur™ and Durus)  High Temperature	Rigid Opaque: VeroWhite VeroGray, VeroBlue, VeroBlack  Transparent: RGD720 and VeroClear  Simulated Polypropylene (Endur and Durus)  High Temperature  Rubber-like: TangoGray™ and TangoBlack™  Bio-compatible
<b>Support Material</b>	SUP705 non toxic gel-like photopolymer support	SUP705 non toxic gel-like photopolymer support	SUP705 non toxic gel-like photopolymer support	SUP705 non toxic gel-like photopolymer support
<b>Build Size (XxYxZ)</b>	234 x 192 x 148.6 mm (9.21 x 7.55 x 5.85 in)	294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 in)	294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 in)	294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 in)
<b>Build Resolution</b>	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 900 dpi	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 900 dpi	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 900 dpi	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 1600 dpi
<b>Accuracy*</b>	.1mm (.0039 in)	.1mm (.0039 in)	.1mm (.0039 in)	.1mm (.0039 in)
<b>Layer Thickness</b>	Horizontal build layers as fine as 28 microns (.0011 in)	Horizontal build layers as fine as 28 microns (.0011 in)	Horizontal build layers as fine as 16 microns (.0006 in)	Horizontal build layers as fine as 16 microns (.0006 in)
<b>Workstation Compatibility</b>	Windows XP/Windows 7/ Windows 8	Windows XP/Windows 7/ Windows 8	Windows XP/Windows 7/ Windows 8	Windows XP/Windows 7/ Windows 8
<b>Network Connectivity</b>	Ethernet TCP/IP 10/100 base T	Ethernet TCP/IP 10/100 base T	Ethernet TCP/IP 10/100 base T	Ethernet TCP/IP 10/100 base T
<b>System Size and Weight</b>	825 x 620 x 590 mm (32.28 x 24.4 x 23.22 in); 93 kg (205 lbs)	825 x 620 x 590 mm (32.28 x 24.4 x 23.22 in); 93 kg (205 lbs)	825 x 620 x 590 mm (32.28 x 24.4 x 23.22 in); 93 kg (205 lbs)	825 x 620 x 590 mm (32.28 x 24.4 x 23.22 in); 93 kg (205 lbs)
<b>Power Requirements</b>	Single phase: 100-200V; 50-60Hz; 7A or 200-240V; 50-60Hz 3.5A	Single phase: 100-200V; 50-60Hz; 7A or 200-240V; 50-60Hz 3.5A	Single phase: 100-200V; 50-60Hz; 7A or 200-240V; 50-60Hz 3.5A	Single phase: 100-200V; 50-60Hz; 7A or 200-240V; 50-60Hz 3.5A
<b>Regulatory Compliance</b>	CE/FCC/RoHS	CE/FCC/RoHS	CE/FCC/RoHS	CE/FCC/RoHS
<b>Operational Conditions</b>	Temperature 18-25°C (64-77°F); relative humidity 30-70%	Temperature 18-25°C (64-77°F); relative humidity 30-70%	Temperature 18-25°C (64-77°F); relative humidity 30-70%	Temperature 18-25°C (64-77°F); relative humidity 30-70%

\* Varies depending on part geometry, size, orientation, material and post-processing method

## Product Specifications

## Objet Eden260VS

<b>Model Materials</b>	Rigid Opaque: VeroGray**, VeroBlue**, VeroWhitePlus**, VeroBlackPlus* Rubber-like*: Tango™ family Transparent: RGD720* and VeroClear** Simulated Polypropylene*: Endur and Durus High Temperature RGD525* Bio-compatible*: MED610  *Works with SUP705 **Works with SUP705 or SUP707
<b>Support Material</b>	SUP705 (water-jet removable) and SUP707 (soluble)
<b>Build Size (XxYxZ)</b>	255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in)
<b>Layer Thickness</b>	Horizontal build layers as fine as 16 microns (.0006 in)
<b>Build Resolution</b>	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 1600 dpi
<b>Accuracy</b>	20-85 microns for features below 50 mm; up to 200 microns for full model size (for rigid materials only, depending on geometry, build parameters and model orientation)
<b>Workstation Compatibility</b>	Windows 7 32/64-bit
<b>Network Connectivity</b>	LAN - TCP/IP
<b>System Size and Weight</b>	870 x 735 x 1200 mm (34.25 x 28.9 x 47.25 in); 254 kg (559 lbs)
<b>Power Requirements</b>	110-240 VAC 50/60Hz; 1.5 KW single phase
<b>Operational Conditions</b>	Temperature 18-25°C (64°-77 F); relative humidity 30-70% (non-condensing)



# The Design Series

Product Specifications	Objet260 Connex1	Objet260 Connex2	Objet260 Connex3
<b>Model Materials</b>	<p>Rigid Opaque: VeroWhitePlus, VeroBlackPlus™, VeroGray and VeroBlue</p> <p>Rubber-like: Tango family</p> <p>Transparent: RGD720 and VeroClear</p> <p>Simulated Polypropylene (Endur and Durus)</p> <p>Bio-compatible</p> <p>High Temperature</p>	<p>Rigid Opaque: VeroWhitePlus, VeroBlackPlus, VeroGray and VeroBlue</p> <p>Rubber-like: Tango family</p> <p>Transparent: RGD720 and VeroClear</p> <p>Simulated Polypropylene (Endur and Durus)</p> <p>Bio-compatible</p> <p>High Temperature</p>	<p>Rigid Opaque: Vero™ family including color</p> <p>Rubber-like: Tango family including color and translucent</p> <p>Transparent: RGD720 and VeroClear</p> <p>Simulated Polypropylene (Endur and Durus)</p> <p>Bio-compatible</p> <p>High Temperature</p>
<b>Digital Materials</b>	Not applicable	<p>Digital ABS and Digital ABS2™</p> <p>Wide range of translucencies</p> <p>Rubber blends in a range of Shore A values</p> <p>Simulated Polypropylene materials with improved heat resistance</p>	<p>Digital ABS and Digital ABS2 in ivory and green</p> <p>Hundreds of vibrant, repeatable colors in opaque and translucent</p> <p>Rubber blends in a range of Shore A values and colors</p> <p>Simulated Polypropylene materials with improved heat resistance</p>
<b>Support Material</b>	SUP705 (water-jet removable)	SUP705 (water-jet removable)	SUP705 (water-jet removable)
<b>Build Size (XxYxZ)</b>	255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in)	255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in)	255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in)
<b>Layer Thickness</b>	Horizontal build layers as fine as 16 microns (.0006 in)	Horizontal build layers as fine as 16 microns (.0006 in)	Horizontal build layers as fine as 16 microns (.0006 in)
<b>Build Resolution</b>	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 1600 dpi	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 1600 dpi	x-axis: 600 dpi; y-axis: 600 dpi; z-axis: 1600 dpi
<b>Accuracy</b>	20-85 microns for features below 50 mm; up to 200 microns for full model size	20-85 microns for features below 50 mm; up to 200 microns for full model size	20-85 microns for features below 50 mm; up to 200 microns for full model size
<b>Workstation Compatibility</b>	Windows 7 and Windows 8	Windows 7 and Windows 8	Windows 7 and Windows 8
<b>Network Connectivity</b>	LAN - TCP/IP	LAN - TCP/IP	LAN - TCP/IP
<b>System Size and Weight</b>	<p>870 x 735 x 1200 mm (34.3 x 28.9 x 47.2 in) 264 kg (582 lbs)</p> <p><i>Material Cabinet:</i> 330 x 1170 x 640 mm (13 x 46.1 x 26.2 in) 76 kg (168 lbs)</p>	<p>870 x 735 x 1200 mm (34.3 x 28.9 x 47.2 in) 264 kg (582 lbs)</p> <p><i>Material Cabinet:</i> 330 x 1170 x 640 mm (13 x 46.1 x 26.2 in) 76 kg (168 lbs)</p>	<p>870 x 735 x 1200 mm (34.3 x 28.9 x 47.2 in) 264 kg (582 lbs)</p> <p><i>Material Cabinet:</i> 330 x 1170 x 640 mm (13 x 46.1 x 26.2 in) 76 kg (168 lbs)</p>
<b>Power Requirements</b>	110-240 VAC 50-60Hz; 1.5 KW single phase	110-240 VAC 50-60Hz; 1.5 KW single phase	110-240 VAC 50-60Hz; 1.5 KW single phase
<b>Operational Conditions</b>	Temperature 18-25°C (64-77°F); relative humidity 30-70% (non-condensing)	Temperature 18-25°C (64-77°F); relative humidity 30-70% (non-condensing)	Temperature 18-25°C (64-77°F); relative humidity 30-70% (non-condensing)

## Performance

**Performance prototyping solutions** build parts strong enough to withstand rigorous testing. This category includes Dimension 3D Printers and the Fortus 250mc™, which bring you ABS*plus* strength and the freedom to build solid or sparse-filled parts, or even insert stock components during the build. Add to that a range of color options, as well as easy-to-remove support materials, and you'll have a prototyping powerhouse.

Product Specifications	Dimension	Fortus 250mc
<b>Model Materials</b>	ABS <i>plus</i> in nine colors	ABS <i>plus</i> in nine colors
<b>Support Material</b>	Soluble (SST 1200es and Elite) breakaway (BST 1200es)	Soluble
<b>Build Size (XxYxZ)</b>	<b>Dimension 1200es:</b> 254 x 254 x 305 mm (10 x 10 x 12 in) <b>Dimension Elite:</b> 203 x 203 x 305 mm (8 x 8 x 12 in)	254 x 254 x 305 mm (10 x 10 x 12 in)
<b>Layer Thickness</b>	<b>Dimension 1200es:</b> .33 mm (.013 in) or .254 mm (.010 in) <b>Dimension Elite:</b> .254 mm (.010 in) or .178 mm (.007 in)	.013 in (.330 mm) .010 in (.254 mm) .007 in (.178 mm)
<b>Workstation Compatibility</b>	Windows XP through Windows 7	Windows 2003 through Windows 8
<b>Network Connectivity</b>	Ethernet TCP/IP 10/100 base T	Ethernet TCP/IP 10/100 base T
<b>System Size and Weight</b>	<b>Dimension 1200es:</b> 838 x 737 x 1143 mm (33 x 29 x 45 in); 148 kg (326 lbs) <b>Dimension Elite:</b> 686 x 914 x 1041 mm (27 x 36 x 41 in); 136 kg (300 lbs)	838 x 737 x 1143 mm (33 x 29 x 45 in) 148 kg (326 lbs)
<b>Power Requirements</b>	100-120 VAC 60 Hz. Minimum 15A dedicated circuit or 220-240 VAC 50/60Hz, minimum 7A dedicated circuit	100-120 VAC 60 Hz. Minimum 15A dedicated circuit or 220-240 VAC 50/60Hz, minimum 7A dedicated circuit
<b>Regulatory Compliance</b>	CE/ETL	CE/ETL





Today, wherever speed, efficiency and accuracy matter, you'll find a Stratasys 3D Printer at work. From product design studios, orthodontic labs and engineering departments to manufacturing plants, schools and dental labs — the next industrial revolution has clearly arrived. And Stratasys is here to lead it.

Stratasys is at the forefront of this game-changing revolution — creating an unprecedented, amazingly powerful resource for the world of design, engineering and manufacturing. The resulting systems offer a variety of professional 3D printing solutions — from small 3D printers for idea development to medium-sized 3D printers for functional prototyping, all the way up to large-scale production systems for digital manufacturing. Simply put: The universe of creation will never be the same.

Learn more at [Stratasys.com](http://Stratasys.com).

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# FAITES CONFIANCE AU LEADER FRANÇAIS REVENDEUR EN IMPRIMANTES 3D POUR LES PROFESSIONNELS

## Esprit de service

*Réactivité au quotidien, et adaptabilité aux besoins de nos clients sont la meilleure expression de notre esprit de service.  
Support technique de nos clients au travers d'une maintenance de proximité et de qualité.  
Services : Formations, Assistance sur site et consulting.*

## Qui Sommes-Nous

*Filliale du groupe d'ingénierie français ING'EUROP, CADvision assure la commercialisation, la mise en place, les services de formation et le suivi technique sur l'ensemble de la gamme Stratasys.*

*Leader français sur le marché des imprimantes 3D professionnelles, nous revendons également des solutions de CAO 3D.*

Quelques références clients :

AFM - AGCO - AIRBUS - ALCATEL-LUCENT - ALDEBARAN ROBOTICS - ALSTOM - AMESYS - ARCELOR MITTAL - ARVINMERITOR - ASTRIUM - ATMEL - AXEL - BAYER - BODET - BRUKER BIOSPIN - BWI - CANON - CASSIDIAN - CCG VERITAS - CEA - CHUBB SECURITE - CNES - CNRS - COBHAM - CONTINENTAL - COTY PRESTIGE BEAUTY - CYBERNETIX - DANONE - DCNS - DECATHLON - DELPHI - EADS - ESSILOR - E-SWIN - FAGORBRANDT - FIVES - FAURECIA - GE HEALTHCARE - GECINA - GILSON - GROUPE SEB - GROUPE CARAVELLE - HORIBA - HUTCHINSON - IFP - IFREMER - IMAJE MARKEM - INEO - INTERTECHNIQUE - ITER - ITW - JAEGER - JDSU - JOHNSON CONTROLS - KBS - KEOPSY - LEGRAND - LES IUT - LES LYCEES TECHNIQUES - LES ECOLES D'INGENIEURS - LISI - LORIENCE - L'OREAL - MAIF - MAPED - MIKLI - MILLIPORE - MINISTERES - MITSUBISHI ELECTRIC - NAGRACARD - NESTLE - NEWELL - NEXTER - OLDHAM - ONERA - ORANGE LABS - PARKEON - PARROT - PHILIPS FRANCE - PITNEY BOWES - PSA PEUGEOT CITROEN - QINETIQ - QUALIFORM - QUALIPAC - QUANTHOUSE - RATP - REFLEX CONSULTING - RENAULT - RENAULT SPORT F1 - ROCKWELL COLLINS - RTE-EDF - SAGEM-SAFRAN - SAINT GOBAIN - SALOMON - SANOFI AVENTIS - SCHLUMBERGER - SCHNEIDER ELECTRIC - SEALYNX - SIEMENS - SNCF - SNECMA - STMICROELECTRONICS - TECHNICOLOR - THALES - TRELLEBORG - TRW CARS FRANCE - TYCO - UNIFIRST - UNIVERSITES FRANCAISES - VALEO - WINLIGHT SYSTEMS - XIRING - YAMAHA - ZODIAC



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