

Amaisys Technologies reduces print times and improves remote worker productivity, using the HP Designjet T520 ePrinter with HP Designjet ePrint & Share



At a glance

Industry: Architects, Engineers, GIS

Business name: Amaisys Technologies

Headquarters: Barcelona, Spain

Website: www.amaisys.com



Challenge

- Produce high-quality prints that accurately render technical details.
- Improve workflow by reducing print times, raise storage access and facilitate remote productivity.
- Increase collaboration with clients, third-party suppliers and international partners.

Solution

- The HP Designjet T520 ePrinter with HP Designjet ePrint & Share for outstanding mobile business capabilities.

Results

- Improved access to print, with HP Designjet ePrint & Share, enables files to be printed while out of the office via iPhone or iPad and stored to the Cloud.
- Consistent, high-quality printing to A3 of technical drawings, installation plans and site topography, which is ideal for clients.
- Estimated time savings of at least 30 minutes per day for senior management, improving productivity.

“It’s reassuring to know the file is stored in the Cloud. Previously I’d be walking around with a memory stick which is not ideal, or having to search through 100 emails on my iPhone. Now, files are automatically saved to the Cloud with HP Designjet ePrint & Share and they’re stored in easy-to-find folders. I can digitally retrieve and print them wherever I am.”

– Hector Colado, founder and technical director, Amaysys Technologies

Amaysys Technologies is a software engineering specialist company based in Barcelona. Part of Germany’s Nechi Group established in 2003, this organization creates and manages systems for building management and runs its own research and development (R&D) department. The Nechi Group offers customers a complete asset solution, including construction, system integration and management software.

“We created Amaysys in 2009 to take advantage of the demand for intelligent building management software,” says founder and technical director, Hector Colado. “As specialists we tend to see opportunities earlier. In the past we’ve pioneered solutions for energy efficiency and building automation.”

Colado says Amaysys routinely competes with – and wins business from – much larger firms: “At times we’re competing with agencies with 4,000 staff worldwide, but we don’t compete on quantity – no client is going to need 4,000 staff. We have a small team, just 12 people here in Barcelona, but what we lack in numbers we make up for in specialized capabilities.”

To make the most of these talents Colado needs his team to be accessible, fully briefed and, whenever possible, face-to-face with clients. As such, the team also needs access to up-to-date, accurate plans for every project. They must also maintain close dialog with Nechi Group’s German office.

Current projects include a European roll-out of stores for Calvin Klein, Clarks and Levi’s; the optimization of heating and cooling at the Kraft factory in Spain; process automation for a Spanish bank; and the planning of a Madrid head office for Novartis. Colado is looking to grow the business globally, with projects in Latin America and a collaboration in China in progress and an outsource office being considered for India. “Collaboration will be crucial for us,” he says.

Fast and professional results

The company is using the new HP Designjet T520 36in ePrinter with HP Designjet ePrint & Share, one of four HP printers in the Barcelona office. Colado is full of praise for the printer system’s speed, quietness and ease of installation, but says the decision to upgrade was a direct attempt to improve workflow: “The printer has its own email address. It means I can send an email directly to the printer and print my projects, files and drawings from wherever I am.⁽¹⁾ There is no need to wait to get to the office, start up my PC, find the mail and send to print.”

With 1 GB RAM and HP-GL/2 technology, the HP Designjet T520 ePrinter has the processing power to deliver a D/A1 print every 35 seconds, allowing Amaysys to produce plans instantly. Although speed would be nothing without quality, the projects require a constant back-and-forth of technical drawings, installation plans and site topography among client, head office and Amaysys specialists on-site. Colado says it is typical to need detailed prints every day for the last 20 days of a project, and they must be clear and accurate.



“The print quality is tremendous,” says Colado. “These are complicated projects, often involving plans with multiple graphical elements – electricity lines, climate control, and access points. We’re able to print pictures of a particular project detail or renderings of a building – and we can print A1 to A3 from just one printer.”

Easy and convenient printing

Colado also praises the ease of use. The color touchscreen on the HP Designjet T520 ePrinter with HP Designjet ePrint & Share makes it simpler for the Amaysys team to select the correct print option and paper size. In addition, the true print preview feature checks print quality prior to printing, reducing costly errors.

Print from virtually anywhere

Sergio Colado, designer and sales director, explains using the free HP Designjet ePrint & Share web service means he can print on the go. He has the mobile ePrint application installed on his mobile devices.⁽²⁾ “I’m constantly out of the office, in meetings, and can’t always work off the customer’s network. Being able to print from email direct from my iPhone or iPad saves me at least 30 minutes every day.

“Sending plans electronically is fine, but most times our customers, especially the facilities group, want to see a hard copy and be able to make notes on the plans. We can then scan these notes and send to print. I can take a photo onsite, with my iPhone, and send immediately to print via email.”

“Also, it’s reassuring to know the file is stored in the Cloud,” adds Hector Colado. “Previously I’d be walking around with a memory stick which is not ideal, or having to search through 100 emails on my iPhone. Now, files are automatically saved to the Cloud with HP Designjet ePrint & Share and they’re stored in easy-to-find folders. I can digitally retrieve and print them wherever I am.”

For Amaysys Technologies’ business, this means faster turnaround times for revised plans and more face time with clients.



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1) Requires an HP Designjet ePrint & Share account, Internet connection to the printer, and connected Internet-capable device. When using the HP Designjet ePrint & Share mobile app, a compatible Apple® iOS or Android™ device and Internet connection are required. Data or connection charges may apply. Print times may vary. For more information visit www.hp.com/go/eprintandshare.

2) Requires an Internet connection to HP web-enabled printer and HP ePrint account registration. (For a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter.) Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.

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