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BIM 360® DESIGN

BIM 360 Design ROI

"Business as usual" in a COVID-changed world

"Using Revit with BIM 360 Design means that models and drawings can be worked on in real-time by multiple people remotely. You can work on your files when you go online, and changes made to files are synchronized back to the central model.

Most importantly, anyone with secure access, an internet connection, and a web browser or smartphone can view and interact with the most recent files. It's game-changing!

By expanding our use of BIM across all our design stages, and through our early adoption of BIM 360 Design, **we've added agility and resilience to our practice.**

With unprecedented circumstances due to the pandemic, BIM 360 Design has allowed us to maintain business continuity while providing an effective and efficient service to our valued clients."

- BIM Manager Eoin Prunty and Director Alexander Schoenmakers, O'Mahoney Pike

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Image courtesy of O'Mahoney Pike

"Once we set up our model workflows, we started to see the **immediate benefits of the BIM 360 Design Collaboration module with the 'traffic light' colours on model updates**, which highlighted changes and new model set releases.

Our staff can access and edit models in real-time from any device, without needing to be in the office or on-site, which has been **crucial in helping us maintain project efficiency while adapting to remote working**. BIM 360 Design also supported business continuity as the company remained open for business.

Our teams continued to work on projects whilst adhering to lockdown and social distancing measures by collaborating and communicating digitally using BIM 360 Design.

Since the software enables us to work smarter, we could reduce the number of on-site workers and maximise off-site fabrication of parts and equipment."

- TES Group, London, UK

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Flexibility to adapt to various internet speeds, team sizes and file sizes were all critical factors that most solutions they looked at simply did not offer. Indeed, the biggest challenge for large teams working on a project remotely is that, before BIM360, the team was limited to the lowest common denominator.

A key cloud-based tool is BIM 360, a unified platform for connecting our project teams and data in real-time. BIM 360 Design, part of the BIM 360 platform, **keeps our models in sync while on poor network connections without data corruption.**

BIM 360 Design works despite poor network connections; design models stay in-sync without data corruption. It did not matter if one of our employees has a slow internet connection. While downloading data may take longer, we've found that work doesn't end in corruption or data loss as is seen with other solutions."

Thanks to its powerful management and design review capabilities, BIM 360 Design enabled SAOTA to be a lot more efficient in its project workflows.

- **Enslin Joubert, BIM Manager, SAOTA, South Africa**

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Image courtesy Adam Letch. SAOTA project in Cape Town.

"By the time it became clear that the pandemic was upon us, **Buro Happold was already working on the cloud, so it was business as usual**." On running benchmarking tests to determine if migration to the cloud and working from home impacted engineers' productivity, Paul McGilly, Associate Principal of Digital Design at Buro Happold found no performance drops while accessing models on the cloud while working from home.

"With Revit Server, it took 30 minutes to three hours to open a model and 10 minutes to sync over VPN. With BIM 360 Design, it takes one to three minutes to open a model and 20 to 30 seconds to synchronize."

Paul McGilly, Associate Principal of Digital Design at Buro Happold, New York

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OpenScope used BIM 360 Design as a key tool during the pandemic to work from home effectively.

"We found BIM 360 Design to be seamless and a really great tool. It **lets us work exactly like we did in the office** in terms of sharing models and keeping things updated and current. It's really helpful."

Ian Dunn, OpenScope Studio

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"In view of the current pandemic and containment situation, using Autodesk BIM 360 has made it easier for our employees to telecommute.

Now, more than 77% of our workforce is teleworking. Thanks to BIM 360 Design, which we use on almost all our projects, collaboration with customers and staff is simplified. It allows everyone to stay connected and be productive."

- Laetitia Laquais, CEO of Cebatec, (BIM Fluides Design Office), France

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Image courtesy Laetitia Laquais, Cebatec

"In the past, we'd export the BIM model from our company server whenever we needed to share it with external parties. We'd send the model through *WeTransfer* and wouldn't know when it was used. The partner would take one or two weeks to get back to us, and by that time, **the model might already be outdated.**

Having all parties work together on one platform on such a large project has made a big difference. The time we used to lose waiting for other modelers, for issue management **– it's all gone. Everything is in one place now.**

We estimate a 50% decrease in the number of mistakes and in time taken to complete some project stages."

– BIM Manager & Project Architect at Belgian firm

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"Adopting collaborative, cloud-based BIM 360 Design at an early stage enabled our firm to build on previous experience and continue to provide services as seamlessly as possible during the remote working transition, maintaining close relationships with our clients to sustain project delivery milestones where practical and pragmatic.

BIM 360 Design's version comparison has helped our team to quickly and effectively compare changes between models and drawings. The ability to record, automate, and publish comments and assign them to team members has saved considerable time while also improving quality.

We have also used BIM 360 for data transfer, which has streamlined and secured information sharing between clients and consultants."

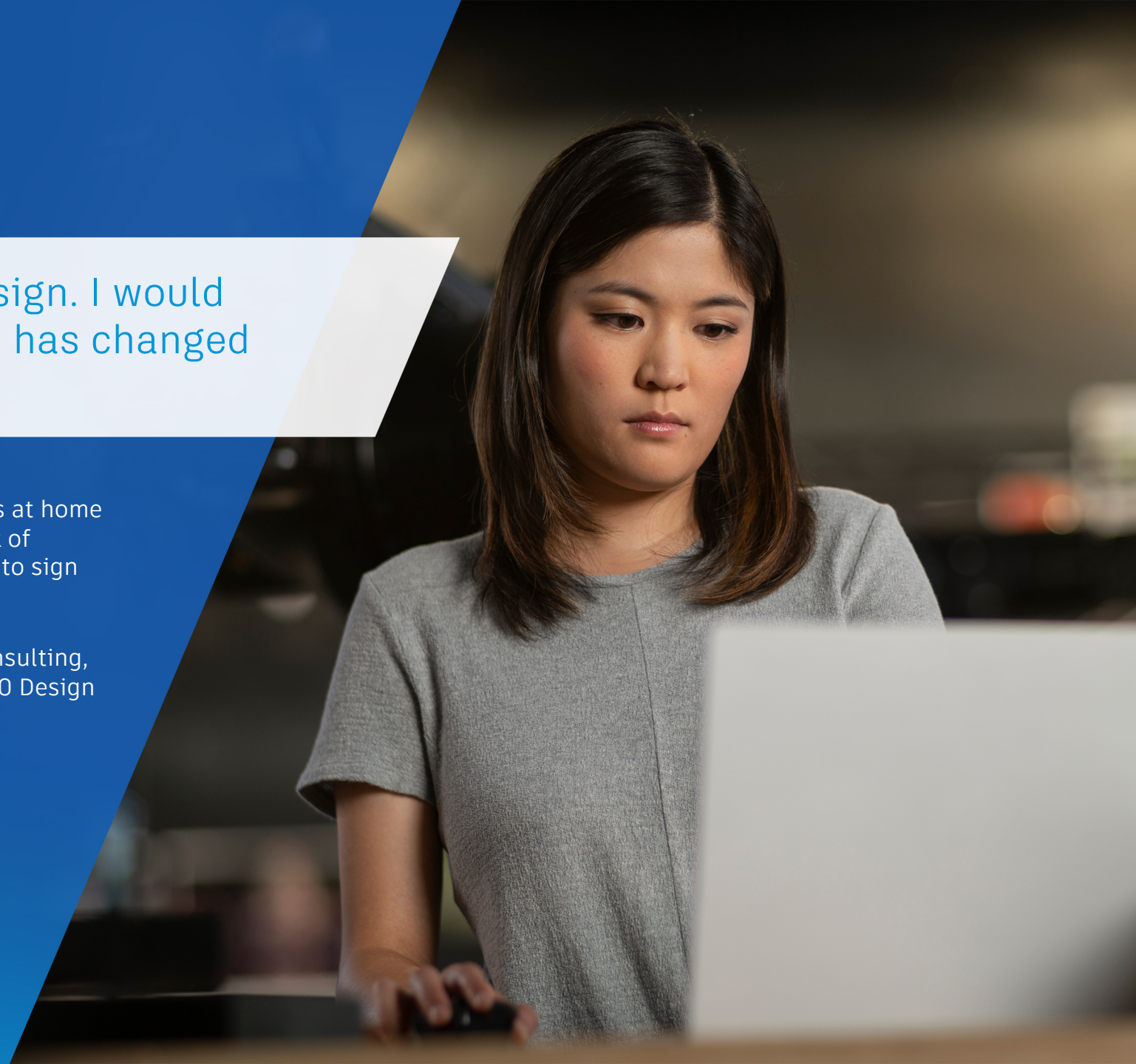**- Europe & Middle East Architecture & Engineering Consultancy**

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"I am really happy about BIM 360 Design. I would not return to business as usual - this has changed the game for us."

Because of COVID-19, this Spanish firm had several employees at home for 2 months, underprepared to work remotely because of lack of appropriate work-from-home infrastructure. The firm decided to sign up for BIM 360 Design to enable remote design collaboration.

After several conversations with Autodesk sales, technical consulting, and support, they were able to fully take advantage of BIM 360 Design and see how it could help them maintain business continuity.

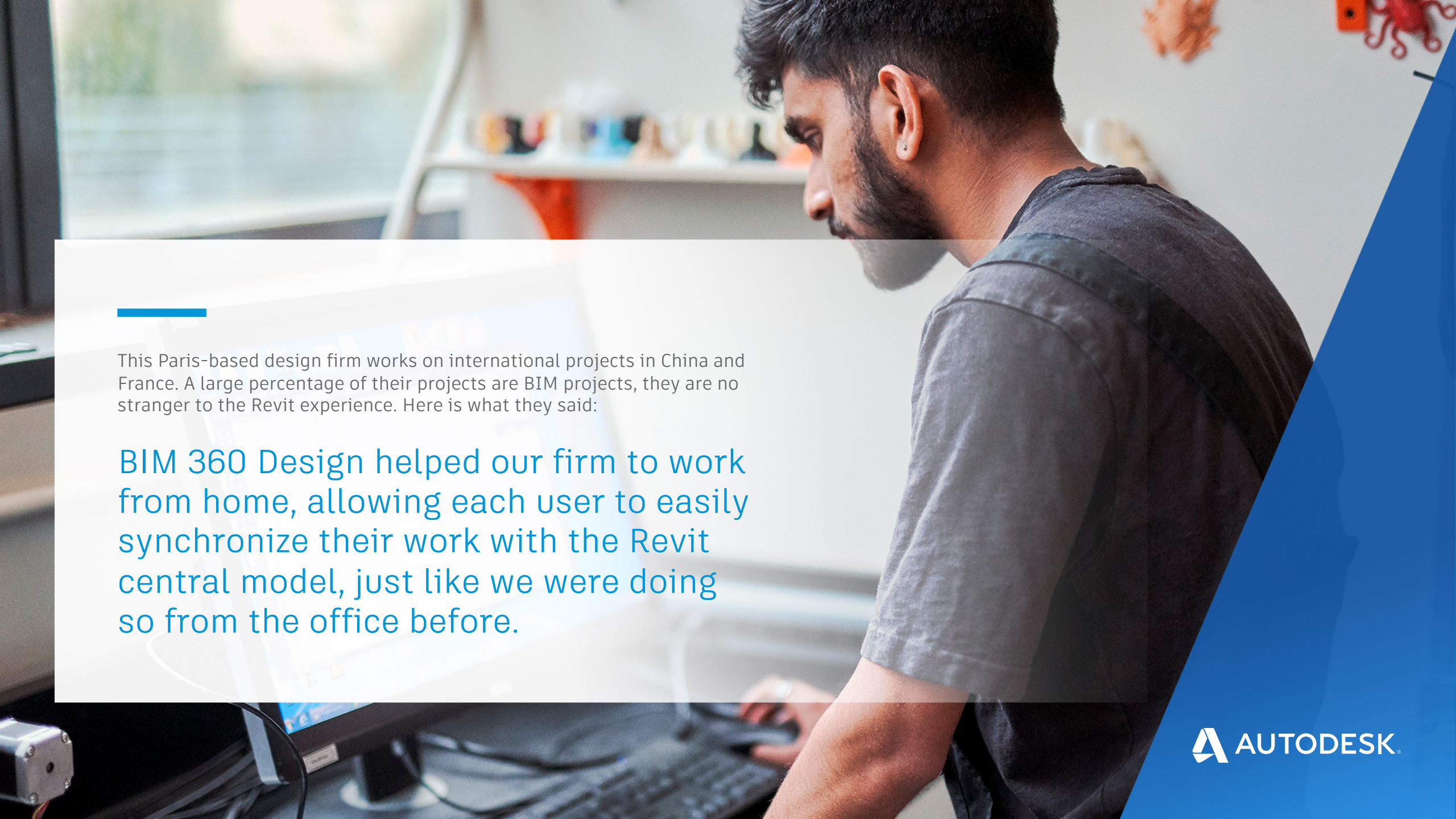- Spanish Engineering & Architecture Firm

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Due to COVID-19, productivity dropped significantly for one particular construction and engineering company due to poor IT infrastructure support for remote work at short notice.

They were able to onboard and reduce the amount of work required to exchange and federate models, while still meeting delivery deadlines. This simply would not have been possible on their original IT infrastructure.

Since using BIM 360 Design, the contractor has seen its value to the business and has purchased licences to ensure all their users continue to have access as the year goes on.

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This Paris-based design firm works on international projects in China and France. A large percentage of their projects are BIM projects, they are no stranger to the Revit experience. Here is what they said:

BIM 360 Design helped our firm to work from home, allowing each user to easily synchronize their work with the Revit central model, just like we were doing so from the office before.

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See how BIM 360 Design can connect your design teams and help keep projects moving.

Talk to sales

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Work as one in Revit, anywhere.

BIM 360 Design enables AEC teams to collaborate securely in real-time on Revit models. Take your work anywhere, get a clear picture of design progress, and work flexibly without disruption.

BIM 360 Design 30-day trial

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