

# Accelerating Project Delivery for Engineering Teams



## The challenge:

- One of London's leading structural engineering consultancies, L+C Engineers employs a team of over 30 people, and a network of contractors, suppliers, and architects.
- More employees were working from home and relying on a physical server in the office. However, this led to an increasing dependence on access via VPN, which caused complexities with connectivity, bandwidth, and accessing and sharing files.
- These issues accumulated to a loss of 30 work hours per month for L&C and posed a threat to overall performance and the production of customer materials.

## The solution:

- Working with Cubit Technology, the construction consultant consolidated all data sources into the cloud, by migrating data from the virtualised file server to Dropbox.

*"With Dropbox, our teams can start work on a document in the office, add to it on the train, and finish it at home. And it deals with all the syncing involved. It's brilliant."*

**David Allen**  
Structural Engineer  
L+C Engineers



## The impact:

- With Dropbox, L+C employees have improved accessibility and connectivity across all project files without the need for a VPN.
- Whether working on a customer site, in the L+C office, at home, or on a train, all staff have secure access to the most recent files and drawings as long as there is an internet connection — ensuring projects are delivered on time, every time.
- L+C also eliminated the cost of backups, having on-premise servers, and all the cooling required with it.

### Before Dropbox

#### Limited access to files

With an overreliance on VPNs, large files were difficult to access on-site and remotely



### With Dropbox

#### Edit documents on the move

Employees can work on-site, at home, or on the move, accessing content and files in the cloud, from any security cleared device

#### Restricted VPN storage

Capacity limits and end of life servers were soon to start limiting file sharing and collaboration



#### Unlimited data capacity

Teams can send, store, and access entire project folders easily — restricting and granting access permission as needed

#### Duplicated documents

With teams working on files from multiple locations, duplicated files were being created and impacting delivery



#### Secure collaboration

With everyone working on the same file, collaborating on large CAD and BIM files remotely is made simple

## About L+C

L+C Engineers is one of London's leading structural engineering consultancies. With over 35 years in business, the consultancy continues to build a fantastic reputation with its clients across the UK.

## Speeding up project delivery in construction

With 30 hours per month being lost due to file access issues, here's how Dropbox gave L&C a faster, scalable workflow to keep construction projects moving.

### 1. Onboarding new employees

- File access and permissions granted to all relevant parties
- Sensitive documents kept confidential with cloud security features

### 2. Creating the initial design

- CAD and BIM files arranged in a shared team folder
- Project documentation stored on one easily accessible platform
- Designs can be shared and previewed with teams and contractors across any security cleared device

### 3. Collaborating with teams and contractors

- Project folders - including CAD and BIM files shared in a couple clicks
- Access granted in the office, at home, on site, or on the move
- Sync changes and save amends automatically so everyone is working from the latest version

### 4. Finalising and saving projects

- Documents and project files securely saved
- All files secured and protected with Advanced Encryption

*"Construction is a fast-paced industry. Thanks to Cubit and Dropbox, we have unlimited data and instant access to files, that's going to enable us to scale our business, and give us the tools we need to grow."*

**David Allen**  
Structural Engineer  
L+C Engineers