AECOM Qatar

AECOM is a large multinational engineering firm, providing design, consulting, construction and management services to a wide range of clients in a variety of industries. The AECOM office in Doha, Qatar is using Bullclip to improve its design process across all civil and infrastructure projects. The team recently won an AECOM regional innovation award for implementing a paperless design process with Bullclip at its core.

The problem

On average, large projects for the Doha office consist of ~7,000 drawings, not including duplications made across revisions and for review. Engineering time was being wasted in rework, administration, follow ups and pointless paper related problems.

AECOM discovered Bullclip after determining that a solution was needed to reduce paper usage in the office.

The Doha team identified that their existing PDF solutions were cumbersome and in fact increased time to delivery.

Less paper, timelines shortened

In just one month, a Bullclip pilot allowed AECOM to significantly reduce printing within its Doha head office.

The AECOM teams in Doha use the Bullclip Windows 10 app on Surface Studios to digitally mark up design packs and complete the design, check print, squad check and multi-disciplinary approval processes.

Utilizing Bullclip’s individualized markup layers with digital ink, all engineering disciplines are now capable of simultaneously commenting on drawings, instead of having to complete a traditional discipline by discipline squad check process. By working in parallel rather than in series, Bullclip helps make a slow sequential process more efficient and drastically reduces the squad checking timeline.

Increased quality of work

An added benefit of using Bullclip for digital design review has been an increased attention to detail.
All drawing development revisions from first sketch to the final approved drawing are easily accessible, allowing users to track who made which comment, and when. The markup process has become fully transparent and accountable for all participants involved.

An intuitive platform is a productive platform

Bullclip was implemented in the AECOM Doha office with virtually no training.

"One of the most enjoyable aspects of implementing the initiative has been watching team members become excited about using the new system" says James McCormick, a Senior Engineer at AECOM.

"Team members seem to have become more engaged with their work and with each other, with comments such as "This actually makes the checking procedure enjoyable."

Same process, better results

James also commented "the beauty of the Bullclip app is that the team can follow the same checking procedure but avoid printing and increase delivery efficiency through enhanced collaboration".

Bullclip represents a new and improved way of working within an existing process at AECOM.

Inter-office, region-wide

AECOM is now looking to expand Bullclip adoption to other offices, as well as external client review cycles within Bullclip. Inter-company collaboration would take place with real-time Bullclip markups tracked to specific users, improving workflow efficiency and ultimately bringing benefit to the client.

AECOM is also exploring on-site markups with Bullclip’s iOS and Windows 10 apps to enhance collaboration between site and office teams.