

RESOURCES

INDUSTRIAL

UTILITIES

CONSTRUCTION

TRANSPORT

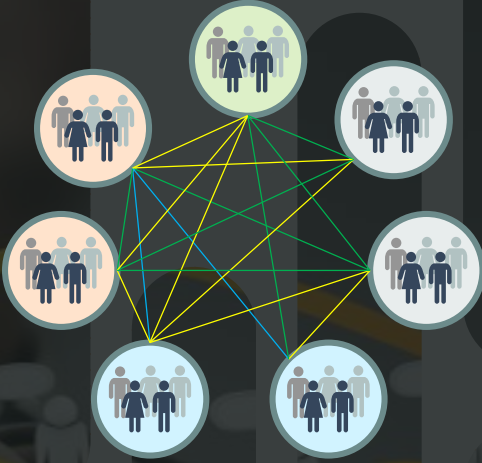


FULCRUM

ENABLING SMART CONSTRUCTION MANAGEMENT

## A COMPLEX ECOSYSTEM

- The Client
- Primary Project Consultants
- Other Engineering, Design & Construction 3<sup>rd</sup> Parties
- Government Agencies & Regulatory Bodies
- Key Stakeholders & Affected Parties



## Solving Industry Challenges

Streamlined, collaborative and transparent communication between all parties in a common data environment

## A COMPLEX COMMUNICATION CHALLENGE

- Who said what and when?
- Who reviewed/approved what, when and how?
- What is the latest version?
- Who has information been exchanged with?
- Where is the feedback and associated correspondence multiple parties retained?
- Are the right parties involved?
- How are we tracking actions and outstanding tasks?
- Who has not yet completed their outstanding actions?
- Are we compliant?
- Are standards being consistently implemented?

- The whole ecosystem seamlessly brought together in one place under a common data environment across the end-to-end project lifecycle and beyond.
- All stakeholders and participating parties enabled to consistently plan, design, and deliver in a streamlined, cohesive, collaborative, compliant, and secure manner.
- **Full ownership, control and continuity of decisions, communications, documents, information and associated intellectual property and knowledge retained in one place throughout and beyond the delivery of projects.**
- Standardisation and uniformity achieved on an ongoing basis across all projects and inline with business standards and practices as part of establishing a compliant CDE that includes BIM-centric integration.

# FULCRUM AT A GLANCE

## Enabling virtual design and construction



### MODERN DIGITAL WORKPLACE

- Portal Workspaces
- Integrated Sharing & Collaboration
- Advanced Document Management
- Workflow & Process Automation
- Powerful Search & Navigation
- Secure, Federated Access



### COMMON DATA ENVIRONMENT

- Models
- Drawings
- Documents
- Correspondence
- Data
- Mobile



### INTEGRATED BIM & COLLABORATION

- Powerful BIM Web-Viewer
- BIM Centric Collaboration
- Inter-model traceability
- Native Tool Integration
- OCR Powered Drawing Management



### ADVANCED DATA & ANALYTICS

- Productivity & Compliance Insights
- Programme & Project Dashboards

# Smart Construction Management

Award winning Construction Management software, bringing your project teams together underpinned by a common data platform enabling you to create a living memory for all your construction projects.



## MODERN DIGITAL WORKPLACE

Project teams access their own context specific physical and virtual workspaces underpinned by advanced search and productivity features enabling rich collaboration and advanced document and file management.



## FRAGMENTED WORK ELIMINATED

Workflows, Documents, Correspondence, Interactions, and Actions seamlessly brought together within the context of construction processes enabling complete traceability.



## DIGITAL PROCESSES

Staff are able to easily create, modify and share processes for reuse enabling efficiency through standardisation across teams and the wider organisation.



## MODEL ENABLED DELIVERY

A common data environment for enabling BIM-centric design and delivery across project disciplines

## FLEXIBLE DEPLOYMENT

A cloud-ready flexible deployment model that is aligned to your corporate policies and associated technology and platform investments.



## EMPOWERED BY SIMPLICITY

Get up an running in minutes. No technology jargon, no training and change management. Information workers empowered through one simple interface.



## INSIGHTS INTO PRODUCTIVITY

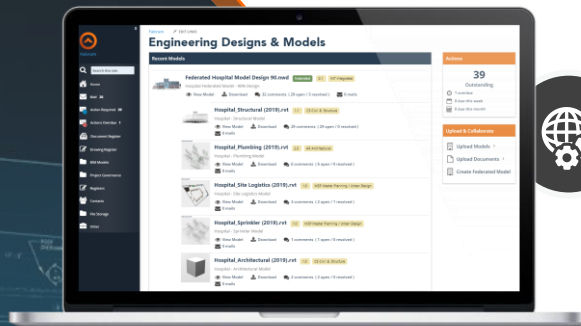
Deeper and richer productivity insights underpinned with advanced analytics provides leadership with new opportunities for excellence.



A 360 degree living memory for all your projects, facilities and infrastructure assets.

# BIM Central

A common data environment for enabling BIM-centric design and delivery across project disciplines that includes advanced BIM file management and storage, native tool integration and federated collaboration across project disciplines and beyond into asset management and operations.



## COMMON DATA ENVIRONMENT

The Fulcrum BIM-CDE enables BIM file storage and management, providing a single-source of truth with advanced version control and auditing. This environment is further underpinned...



## BIM VIEWER & INFIELD MOBILITY

The Fulcrum BIM Viewer provides rich features and functionality for navigating and collaborating within the published BIM model including enabling federated views and access to different layers within the model.



## BIM CENTRIC COLLABORATION

Design and Engineering processes are seamlessly integrated with Fulcrum's advanced collaboration capabilities enabling design mark-ups, feedback, issues etc. to be communicated and tracked with full traceability.



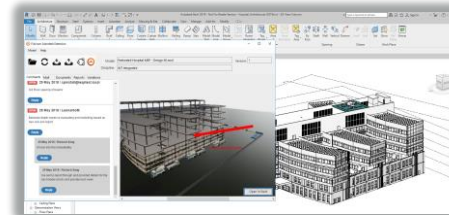
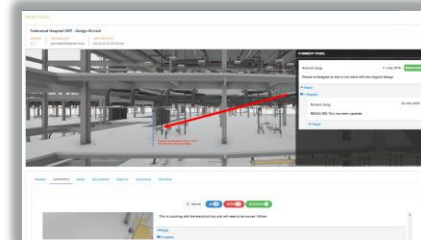
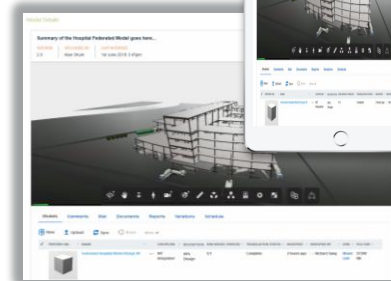
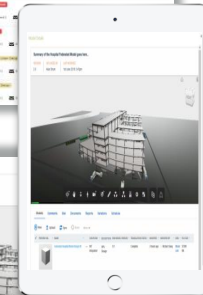
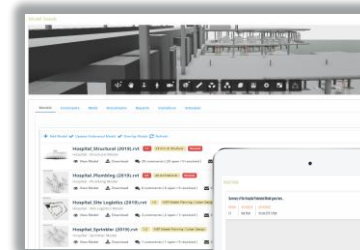
## BIM TOOL INTEGRATION

BIM modelling tools such as Autodesk's Revit, natively integrate with the Fulcrum BIM-CDE enabling Designers and Engineers to easily surface mark-ups and feedback in order to achieve efficient and seamless updates with full traceability overtime putting all relying parties on the same page.



## DRAWING MANAGEMENT & OCR

Advanced design and drawing file management capabilities underpinned with Optical Character Recognition (OCR) enables the streamlined processing and filing of drawing / plan document. This includes splitting documents into individual drawing files and extracting metadata from within drawings to support advanced filing, storage and retrieval capabilities.





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*"AT is expected to save millions of dollars over time with this product (Fulcrum), compared to the fees commercial packages charge for each project their products are used on."*

- Roger Jones, Chief Technology Officer, Auckland Transport

*"LeapThought is a key strategic partner who understand the complex nature of our business as well as the ongoing strategic and operational challenges we deal with. Their solutions enable us to be agile and data-driven, allowing us to be more informed in planning, delivering and operating the Auckland Region's Stormwater network in the midst of rapid growth, an aging infrastructure and challenging natural environment."*

- Craig McIlroy, General Manager Healthy Waters, Auckland Council

*"LeapThought provides Healthy Waters with rich data-centric solutions and services critical to how we plan, deliver, operate and renew stormwater infrastructure to meet the demands of growth and changing environmental factors. Their approach and cloud-based solutions have enabled us to rapidly establish, adapt and grow a common-data platform underpinned by advanced data analytics that informs our business. It is one of the factors that propelled us to a leading position across 25 countries in one of the most prestigious asset management benchmarking surveys."*

- Nina Sardareva, Asset Information Manager Healthy Waters, Auckland Council



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