

Sitedesk Factsheet

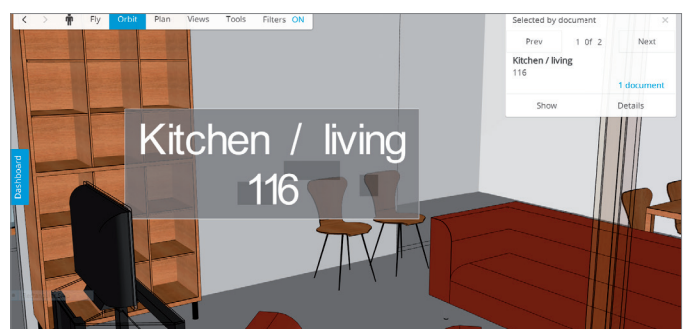
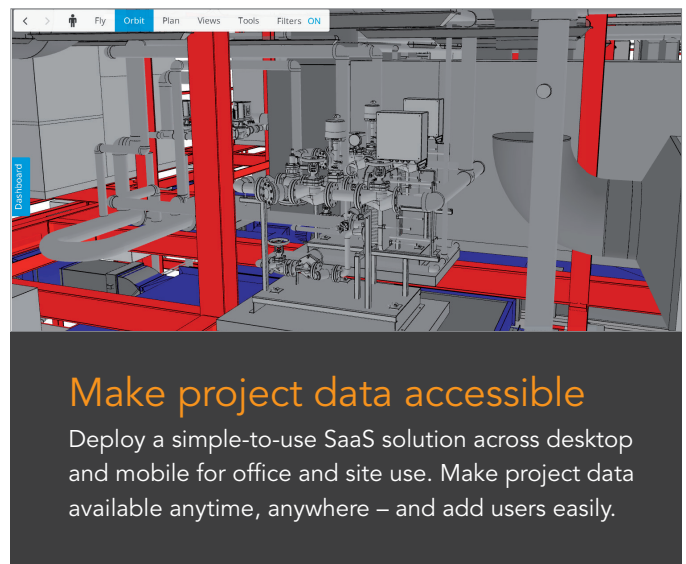
Sitedesk is a fast, flexible and easy-to-use collaborative working environment for those involved in construction and engineering projects. By enabling you to easily view and interact with 3D models it makes managing BIM projects much easier day to day – and can help you manage the data and documents associated with traditional construction projects too.

Sitedesk also acts as a unified data environment within which to manage operational, project and asset data through the lifecycle of a project. As well as providing contractors with a BIM data management solution and field BIM tool it produces a rich asset information database that can be used by building owners, future operators and FM service providers. As a SaaS solution that can run equally fast on mobile platforms as on desktops, Sitedesk is as useful on site as it is in the office.

Sitedesk is a hosted enterprise solution which allows all members of a project team to minimise risk and maximise returns throughout the design, construction and the operation of an asset. At the same time, you can minimise the load on your IT team who don't need to worry about software maintenance, security or user requests for information or reports. Best of all, Sitedesk will run on standard specification computing equipment - office or field, online or offline.

Whether you are working in the field or in the office, Sitedesk delivers near real-time visibility and enhanced project control through its ability to deliver and capture the latest project information, critical data sets and workflows that are essential for effective construction and ongoing operation of an asset.

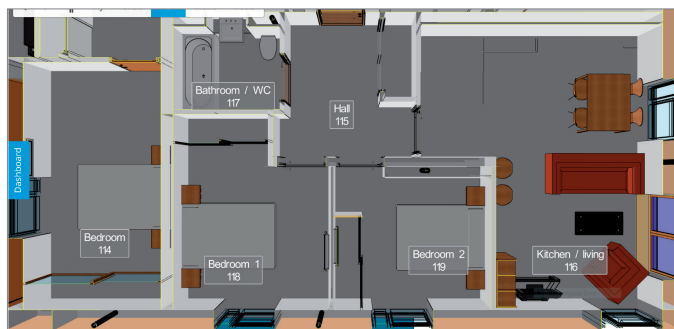
Powerful yet simple to use, Sitedesk is a secure app that enables the full utilisation of 3D models, 2D documents and previously disconnected data allowing users to be more effective and efficient.



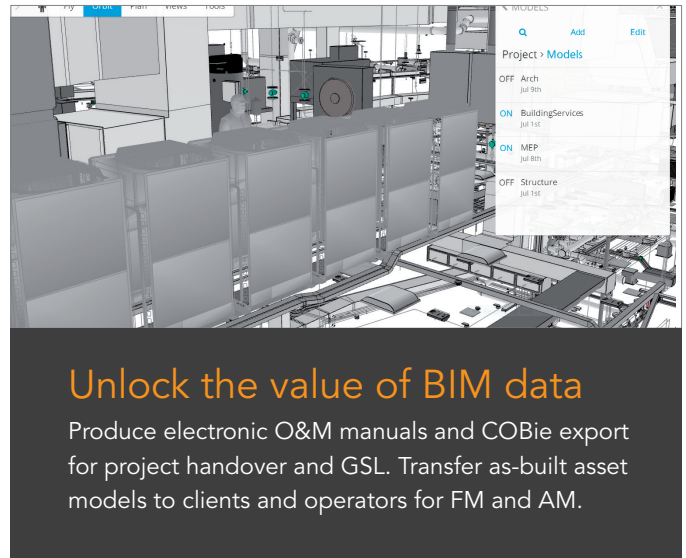
Focus on a space and quickly find and open linked documents

Technical Benefits

- View and interact with 3D content in any open and many proprietary formats including mainstream 3D applications – without the need for any CAD licenses* and no matter how large the model
- Maintain a single set of contemporaneous records and centralised content, available to all
- Create a single, linked and searchable as-built database from previously disconnected information, for future audit or discovery
- Map, manage and track detailed workflows for complete auditability and accountability
- Familiar, flexible, intuitive user interface to enable a rapid learning curve and reduced time to ROI
- Mobile responsive application runs on standard spec computing equipment and requires no expensive, high-power workstation, extra memory or graphics processing power even when running multiple projects on a single machine
- Works fully online or offline with an innovative algorithm to maintain contemporaneous notes while offline and automatic synchronisation after signal restore
- Reduce information overload to site teams, by delivering only the relevant information and models that users need to see
- Boost efficiency by creating digital template forms for use on multiple and future projects
- Create a fully searchable repository of operational and maintenance information including documentation linked to objects within the 3D model, workflows and supporting documentation, to support effective asset operation and future discovery
- Empower users, while at the same time driving accountability, tighter management control and good information management behaviours



3D visualisation of spaces in Plan view with on-screen scale



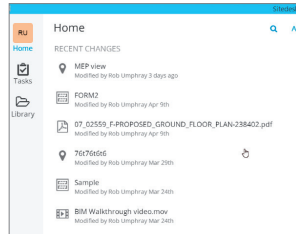
Technical details

- Inbuilt viewer for single or federated models enabling you to accept and federate models within the tool – including Autodesk Revit, Civil 3D, AutoCAD Architecture, MEP and detailing, Bentley MicroStation, Tekla, Archicad, Vectorworks, CAD-Duct, Solidworks, Sketchup* as well as Point Cloud and IFC format
- Viewer also allows you to read, display and use CAD-generated 2D plans, sheets and documents
- SQL and NoSQL database provides maximum flexibility and scalability
- Accept, connect and manage content files and formats including 3D models, 2D plans, sheets, scans, MS Office documents, image, audio, video and more
- Online and offline application modes enable everyone to be effective whilst on the move over Wi-Fi, 4G or even 3G – and continue to work offline if signals fail
- Automatic signal detection and data synchronisation
- Full application runs on any standard specification Windows PC, laptop or tablet and on iOS for iPad – note: this is not a stripped-down, streamlined or partial feature version!
- All listed third party trademarks are the properties of their respective owners

*Sitedesk is continually updated to support the latest CAD versions and maintain backwards compatibility

User features

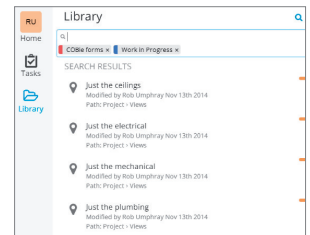
- Highly familiar look and feel with intuitive features and easy-to-use controls
- Mobile responsive application with 'touch-first' design philosophy and ability to add on-site photographs (front and rear cameras), videos and audio recordings into forms, elements, spaces or the project database
- Personalised home desktop access to information and functionality, as defined by user profile
- Online or offline login, then work on- or offline with silent synchronisation after signal restore
- Manage limited connectivity by synchronising only the projects you need to update, if you choose
- Highly flexible viewing controls:
 - Change views with a single click via an intuitive control bar: Orbit mode keeps your feet on the ground, or use Fly mode to move rapidly around large buildings or sites. Take a drag and drop 'street view' of 3D plans using the Walk mode, to see from a specific viewpoint inside or outside the building or move around
 - Push-pull control of your plane of view
 - Create, save and share views with other team members
 - Access full 3D information from within viewer: split out views of ground-works, mechanical and structural models and sub-systems. View these individually or in any combination you choose and display up to 6 cross-sections
 - See 2D and 3D information within the same tool – switch easily from 3D plan to 2D floor views
- X-ray model highlights specific desired elements/systems – but remains in context within asset



Works the way you do

Design digital forms to replace paper processes, drive best practice, assure compliance and maintain an audit trail for the future.

- Elements (such as cones) can be graphically overlaid on models to mark out maintenance layouts
- 'Go-to' links documentation to elements and spaces allowing you to ensure that you are working with the correct information
- In-built 3D measuring tool to enable quick calculations and rapid decision-making
- Tag, annotate or mark-up plans at any level from within 3D model viewer
- Powerful search feature enabling:
 - fast and easy free text or tag search of entire database
 - search by document type, template form, file, task, drawing, plan, view, model
 - search by date (today, yesterday, last week, last 7 days, last 30 days, or within custom date range)
 - search within user or combination/group of users
- View files in a similar way to your familiar desktop systems (A-Z and Z-A, newest/oldest first, due soonest and latest)
- Browser-style 'Back' button allows you to backtrack through complex models or undo a step (with Forward button also available)
- Familiar Shift-select range of files, Control-select specific files to enable easy move or management of multiple files



Key Facts

- **Secure user access for ANYone, working ANYwhere, to engage, explore and interact with big 3D models**
- **Add, validate, control and connect content and media in ANY format**
- **Quickly capture and attach ANY as-built data, document or content to ANYwhere on your 3D model**
- **Easily view and visualise your entire programme via an integrated dashboard**
- **Intelligent data synchronisation ensures that all team members are working with the latest version of documents**
- **Build a COBie-compliant asset management database automatically for faster, smoother handover and a seamless transition into asset operation**
- **Export your O&M manual with a single click**
- **Secure hosted solution —no servers, infrastructure or storage to maintain by in-house IT, and no need to worry about software updates or information security**
- **Flexible pricing structure allows you to expand your software licensing as needed**
- **Runs on standard specification IT equipment – at the office or in the field**

Workflow and Management features

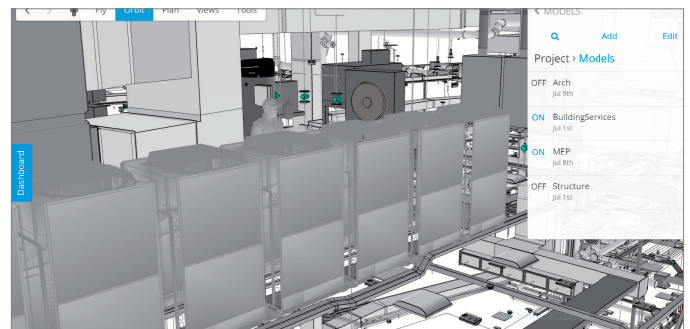
- User identity and access management tools and complexity filters to control what each user sees or may edit
- Task creator - create, assign and manage tasks by team and individual
- Create and manage but hide access to employee folders
- Library function allows you to build any folder structure you require and assign specific user access rights
- Tag specific groups of user or data to enable you to quickly find information (e.g. contractor, type of information)
- Set up live push updates to team members
- Workflow creator: map detailed workflows with key sign-off steps and drag/drop them into any order, and set up time controls
- Digital form creator
- Create forms to support workflows, quality assurance, H&S compliance and more
- Filled data drops directly into the project database
- Drag-and-drop form fields including text fields, checkboxes, dropdowns, multiple choice buttons in any order
- Embed logos, images, videos, PDFs directly into forms
- Attach forms to elements, space, or to hold groups of information together
- Preview form during creation
- Create and clone template forms for use on future projects or as a base for form variants

Control quality and improve decision-making

Use mobile Field BIM for site briefings, design verification and retention management. Capture and report snagging information and upload images.

BIM and Document management features

- Flexible 'single to many' links – a single document can be linked to one, several, or all your projects, spaces or objects
- A single document, attached to multiple elements can be updated in one step
- Digital forms can be exported as PDFs containing embedded images and related documents.
- All documents are fully version controlled, creating a complete audit trail
- Document Update function can create auto-versioning
- Secure platform complies with the latest ISO standards and government data storage requirements
- Export full folder structures with documents
- Export fully compliant COBie files
- Fully compliant with PAS-1192



Create powerful asset information models

Import, organise and maintain project data in a rich asset database. Enable one-touch navigation between asset information and 3D views.