

‘Fire Safety – risk assessments and documentation management’ with PlanRadar

12pm, Wednesday 6 July 2022

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WEBINAR SERIES

Navigating turbulent times



Panellists



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In good company

Some of our existing partners



The Golden Thread – a recap

New buildings – *all information needed to demonstrate compliance with specified building regulations (required through Gateways) – e.g.*

- Building size and height
- Structure
- Fabric
- Fire escape and compartmentation detail
- Permanent fixtures and fittings

Existing buildings – *all information needed for the safety of the building & its residents, including refurbishment, e.g.*

- Building size and height
- Full material and manufacturer product detail
- All safety-critical layers of protection
- Digital data capture of completed buildings, eg via laser scanning
- Inspection reports



The Golden Thread of Fire Safety

What is it?

A digital record of fire safety components:

- Collection, integration & verification of asset information
 - Easily accessed & easily understood single repository
 - Ensure accountability for decisions
 - Remove corner-cutting for the sake of cost
-
- Example: All items installed: comply with Regulation 7 of the Building Regulations
 - Example: All items can be maintained: can be maintained to comply with Regulation 38 of the Building Regulations, & Articles 17 & 38 of the Fire Safety Order.
 - Each Gateway has different Golden Thread obligations



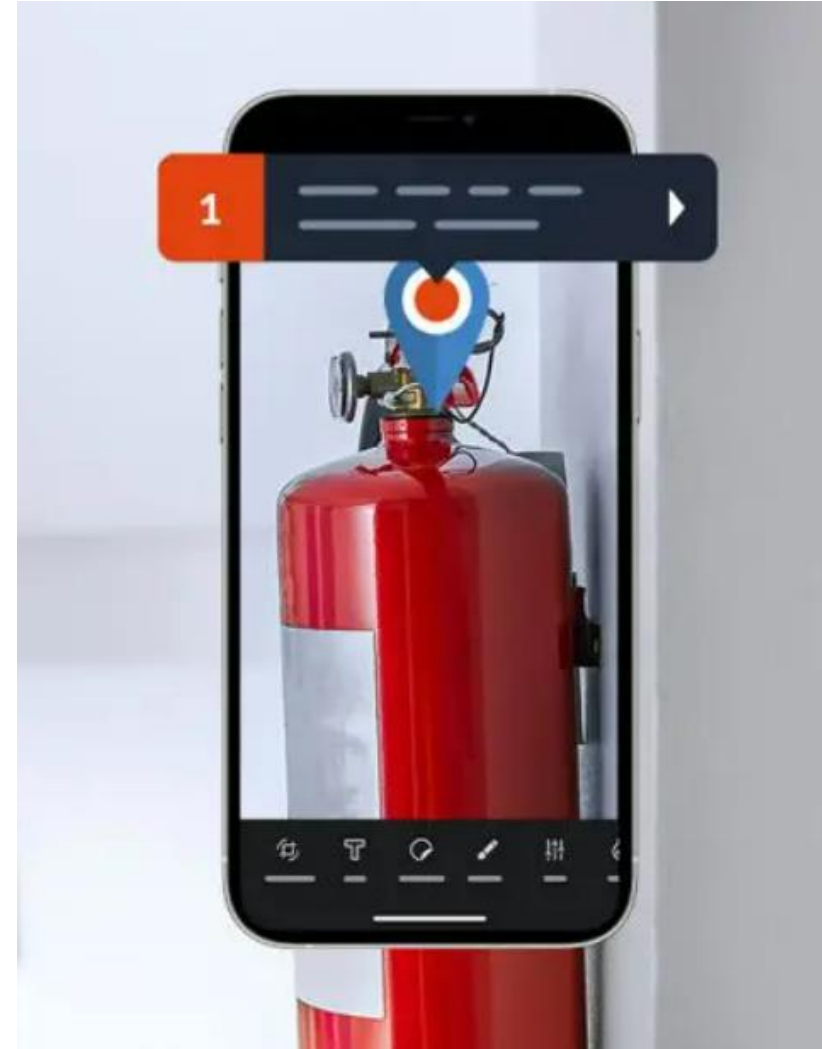
The Golden Thread: Futureproofing your sites

- An accurate and up-to-date record of building data
 - Tracking new builds
 - Monitoring & snagging existing buildings
 - `Live` document, digital fingerprints for decisions, clear accountability
-
- *Golden Thread as Digital twin? More than this...*
 - Record of the building from design to demolition
 - All stats available at any time
 - Site inspections & safety audits
 - Quality assurance – reports & surveys (EWS1 etc)
 - Site diaries
 - Handovers – workflows, contractor management
 - Evidence collection & claims management
 - Use of NFC tags



Are you Golden Thread ready?

- Current challenge
 - Fragmented, incomplete & often inaccessible project data
 - Lack of clarity whether finished structure is same as design
 - Harder to manage/operate building – maintenance
 - Lack of audit trail on decisions made – who authorised what
 - Culture
- Getting our acts together
 - An accurate and up-to-date record of building data including design, maintenance, materials used, etc
 - `Live` document, digital fingerprints for decisions, clear accountability
 - Futureproofing your sites
- *Digital twin? More than this...*
 - Record of the building from design to demolition



Technology makes things easier

Transparent – tamperproof audit trails, clear assigning of responsibility

- *Evidence collection & claims management*
- *Source of truth*

Accurate – data, including photos & videos, collected on-site

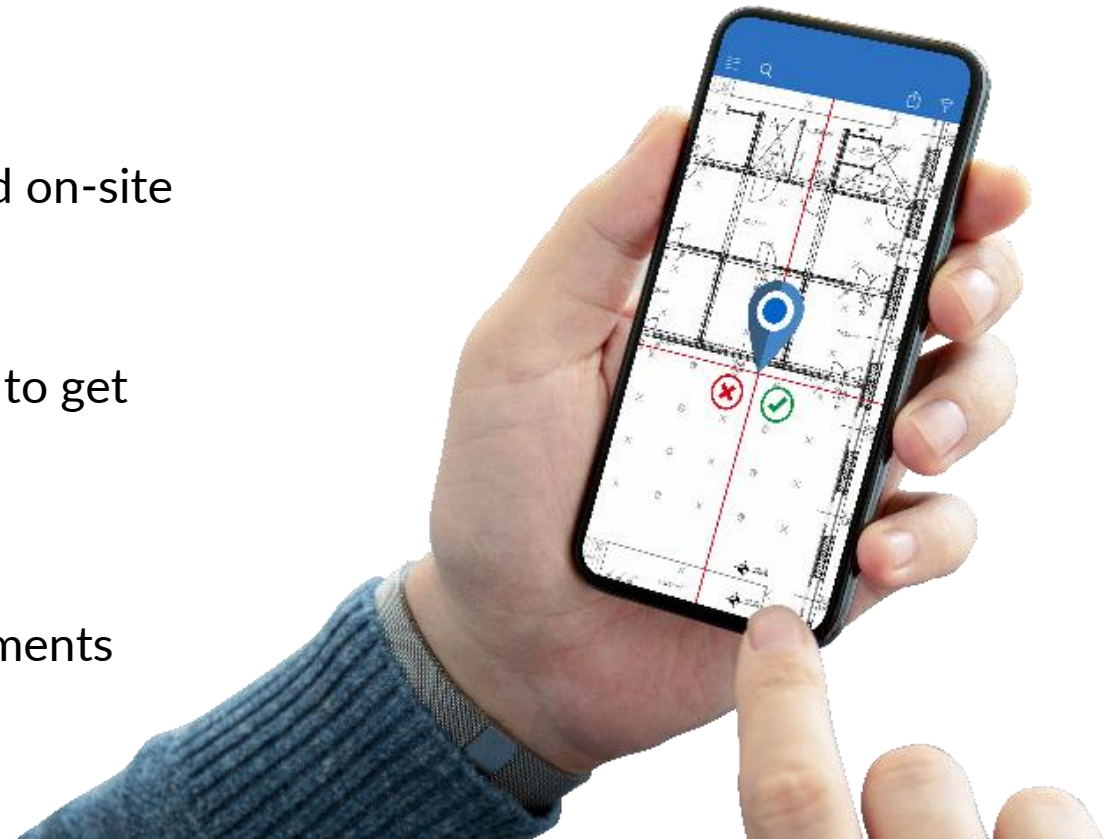
- *Site inspections, quality assurance*

Simple – mobile apps that take less than 10 minutes to get to grips with

- *Easy & fast reporting*

Knowledge – one place for all site data, safety documents and reports

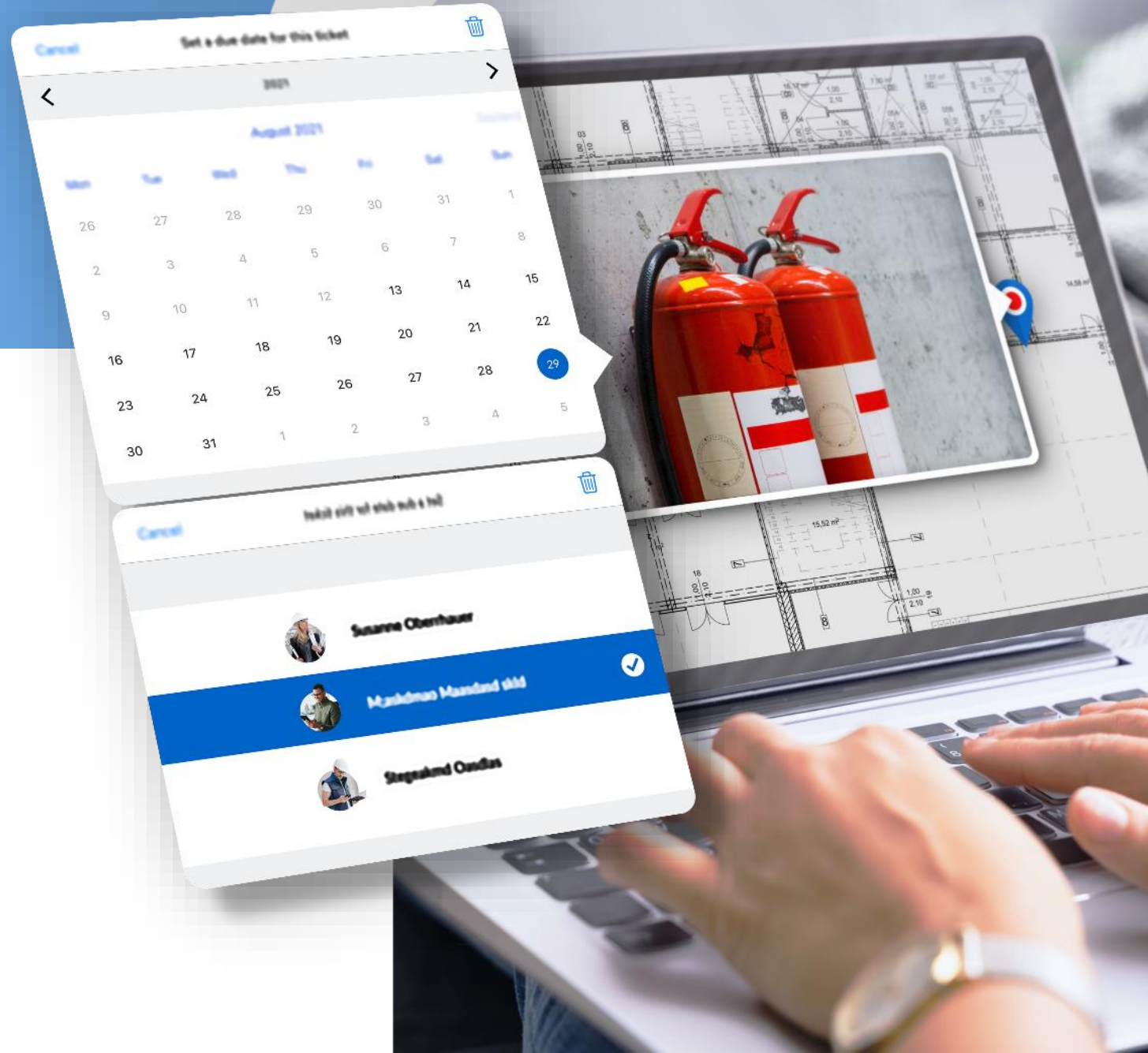
- *Site diaries, handovers, etc*



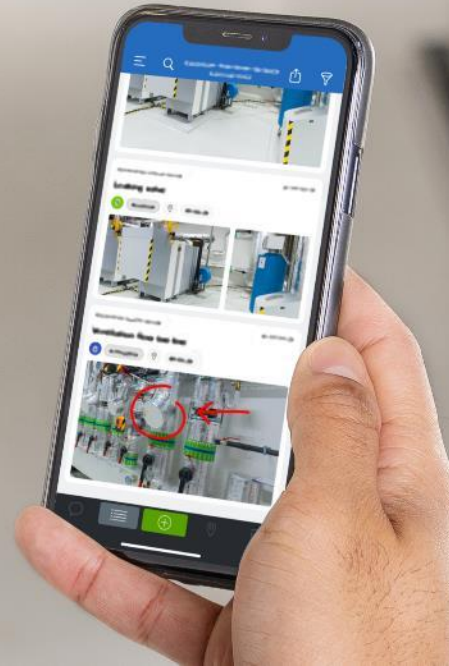
Fire Safety & FRAs

Ensure the highest fire safety standards on your projects

- Immediately capture and resolve risks on-site
- Upload photos, videos, plan annotations, documents, voice memos and comments for a complete picture of your findings
- Easily document facts during fire risk assessments
- Retrieve fire protection documentation at any time
- From regular fire safety assessments and fire safety checklists to EWS1 forms and more, build custom versions in PlanRadar and have your team complete them in the field



Fault Recording



Manage faults digitally for less downtime and higher client satisfaction

- Capture defects on-the-go using mobile devices
- Add photo, video, voice memos or plan annotations
- Assign defect responsibility to the correct person, including external vendors
- Track status with deadlines
- Monitor progress using statistics board
- Export faults into a report in seconds. Generate fully customisable reports and export them at the push of a button, saving you time when reporting to the building owner or asset manager



Mapping of assets

Track all assets and optimise their deployment



Pin asset locations to a BIM model or floorplan



Set recurring reminders for asset maintenance



Conduct condition surveys to evaluate when an asset needs replacing



Use NFC tags if appropriate to keep all asset data stored digitally and access it by placing a mobile device close to the asset



Track asset maintenance and keep an up-to-date record of when maintenance or repairs were last carried out

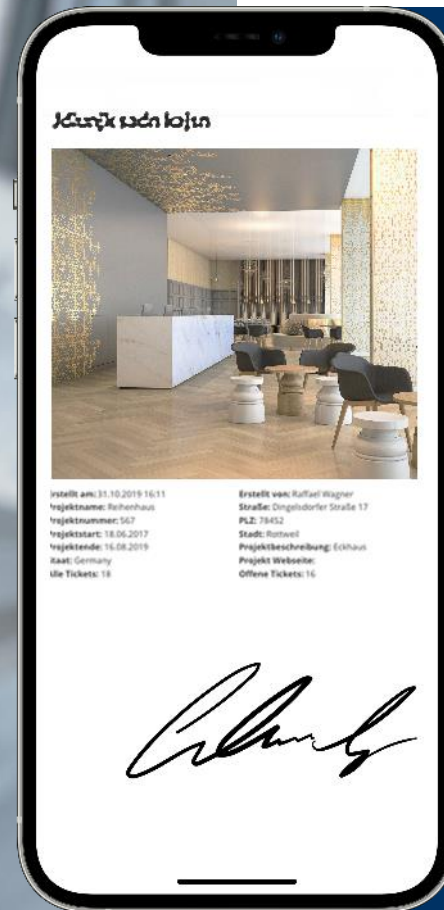


Monitor statistics via bespoke statistics board to make decisions about when to e.g. order new assets, schedule a maintenance appointment



Handovers

Prevent errors and confusion by using a consistent handover protocol

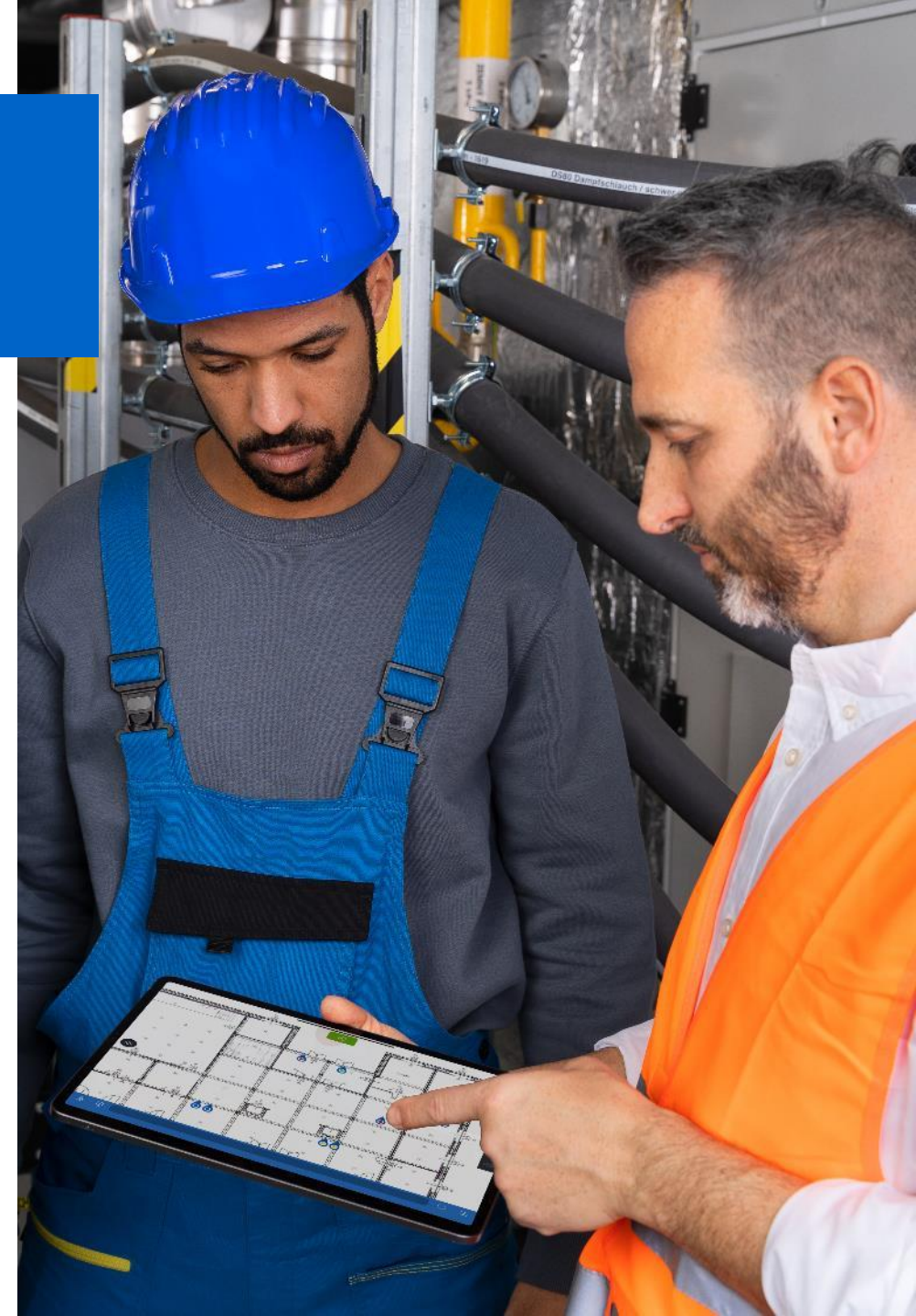


- Complete project handovers via your mobile device without having to go back to the office to finish the paperwork
- Use customisable protocol templates to ensure your paperwork complies with building regulations, contract requirements and your company's procedures
- Ensure that everything goes smoothly on the handover day and record all last-minute defaults as tickets on digital floor plans, with your smartphone or tablet
- Export the completed handover report with all identified defaults and associated evidence and images as a PDF file at the push of a button and send to the landlord
- Use to document snags/defects during the warranty period and request repairs from the original contractor

Evidence Collection & Claims Management

Digitally record the facts to ensure due diligence and provide a source of truth

- Gather evidence on the go in the case of an accident or damages
- Use custom forms to collect standardised data
- All evidence that you collect can be instantly shared with your team
- Add voice notes and photographs, annotate them and locate them on the digital plan
- Data can be exported in simple or custom reports for further use.
- Securely store evidence and certificates
- Full audit trails in one place
- All data, photographs and recordings are saved and can be accessed later, even after the project is completed
- All evidence is stored in the Cloud



Maintenance & repairs

Save time, maximise resources and save money with efficient planning and implementation of ongoing maintenance or one-off repairs

- Upload and use a digital plan to carry out inspections and manage day-to-day tasks
- Create custom checklists for a building's specific needs.
- Coordinate maintenance checks, repairs, take inventories and arrange technical maintenance work
- Schedule recurring maintenance and automatically notify the person responsible each time the task is due
- Create tasks and upload photos, videos, voice memos or plan annotations
- Assign tasks for repairs to staff or to external contractors/vendors (with free access to PlanRadar)
- Automatically tracks statistics on all tickets created and data collected.
- Generate fully customisable reports and export them as a PDF or Excel file
- External contractors can use PlanRadar for free to access the information relevant to them and communicate with the facility manager



Your questions

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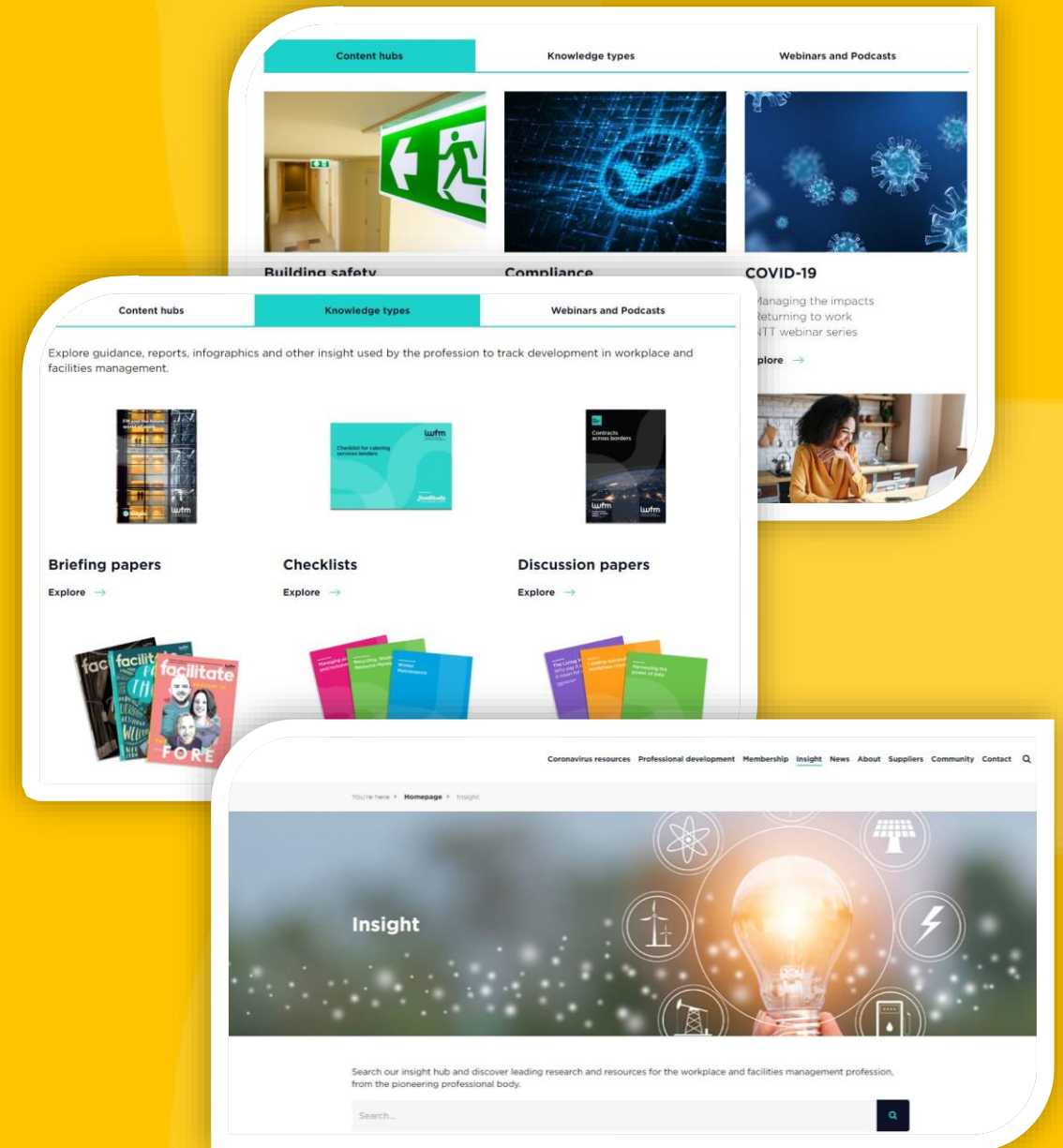




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