FIRE SAFETY SYSTEMS & BUILDING COMPLIANCE

A Data-Driven Approach to Ensuring Building Safety

Whitepaper Series

Empowering stakeholders with knowledge, insights, and advanced solutions to build a safer, more compliant work environment

verified

FIRE SAFETY SYSTEMS & BUILDING COMPLIANCE

Fire safety measures vary from building to building and aim to ensure the safety of people within a building in the event of a fire. Commercial building owners therefore, must have a comprehensive and accurate understanding of relevant fire safety and building compliance obligations, rules, and legislative requirements.

Considerable amounts of time and effort is spent developing appropriate fire safety standards for building maintenance. The mandated prescriptive standards are linked to local state and national government regulations and requirements. The regulations impose a legal framework on the design and maintenance of these building safety systems. However, this creates challenges as **building maintenance tasks remain untracked, cannot be accurately reported on, and fail to be diligently carried out.**

When building owners extract and analyse their compliance data, they are unable to verify whether the correct contractor attended the site and completed the work. Further, the manual process fails to provide clarity and timely advice on whether building maintenance work was completed up to the required standard.

Consequently, building owners face the following significant risks:

- ❌ Unknowingly holding a non-compliant building;
- ❌ Taking on safety risks for building occupants;
- ❌ Paying contractors for incomplete work and;
- ❌ Being held liable for any consequences of poor maintenance.

Lack of clarity resulting in questionable compliance

Building owners' responsibilities and obligations are clearly articulated in legislation, rules and guidelines. Presently many building owners manually capture building maintenance information in a physical on-site logbook. Building owners are often required to undertake time consuming and laborious processes to manually reconcile the records. This highly inefficient process results in varied interpretations of the rules and regulations.

> **Building maintenance tasks remain untracked, cannot be accurately reported on, and fail to be diligently carried out.**

A data driven approach to site wide compliance

To measure and manage fire safety compliance data, it must be easily captured and readily accessible from multiple site locations. Additionally, the data should provide building owners with:

- **Regulatory Assurance:** The ability to ensure their building compliance obligations.
- **Accurate Analytics:** Accurate data analysis capability to gain site insights in real-time.
- **Efficiency:** Remove the need for manual data processes and intervention.
- **Transparency:** Ensure that contractor work was completed to the required standard; and
- **Data Dissemination:** Facilitate data and information transfer between internal stakeholders.

By connecting data with key stakeholders; the contractor to the data, and the data to accounts, building owners are able to have complete visibility of all repairs and maintenance work, and can be confident that obligations to safety have been met.

For further insight, data capture must also be integrated with the latest mobile technology. For example, this is done by contractors inputting data into a mobile form, which is time stamped, and

stored in the cloud for instant access. Contractors are unable to proceed unless they are on site (using GPS technology) and all fields of the form are completed. This information is then can submitted, reviewed and validated.

Well-designed mobile compatible data solutions are more convenient and vastly improve overall data quality. Additionally, this streamlined process can allow visibility to other departments in an organisation, such as the accounts team. They can then verify work completed to allow for the reconciliation of invoiced tasks against tasks actually completed. They can also see whether the tasks that were completed were done so in the correct time frame.

Gaining real-time & valuable insights

Accurate data capture is the first step in the process. Downstream data reporting is ultimately critical to driving better business decisions, improving performance, and increasing efficiency. Data analytics and reporting provides transparency of contractors and their work, ensuring that building owners can easily assess the quality of information submitted to maintain compliance. Not only is compliance improved, but organisations gain complete visibility over all billed tasks, meaning they save money by only paying for the work that was done.

Furthermore, with increased compliance comes a reduced risk in being held liable, should one of these safety systems fail in the event of an emergency. More importantly, building owners can be confident that their tenants are occupying a safe environment, with access to functioning safety equipment, should they ever need it.

Verified's Technology:
An Impactful Solution

Verified has a deep understanding of the complex issues associated with fire safety system maintenance. Verified has been collecting and studying field data since 2002. We have captured over 2.6 million test sheets from more than 40000 sites across Australia.

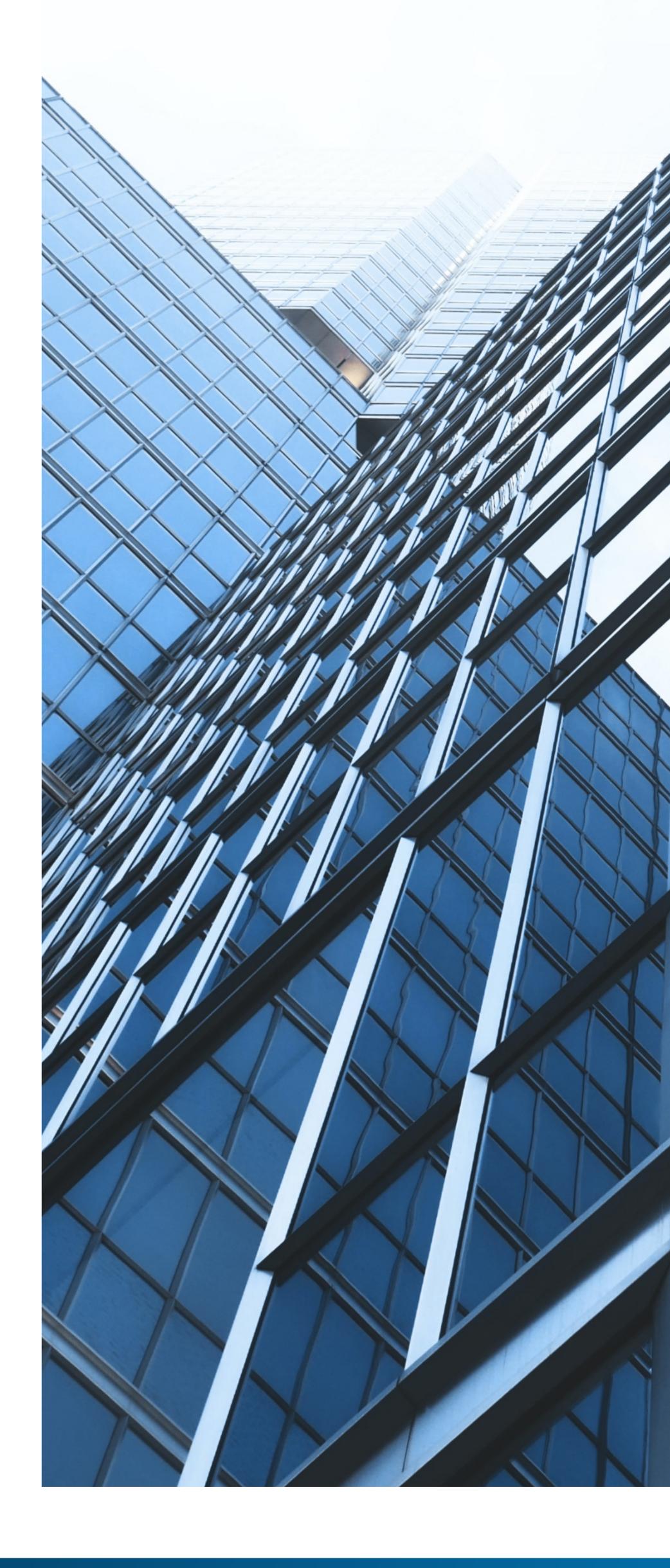**From these 2.6 million test sheets, 161 million data records have been created, including:**

- ✅ The date of every test and every defect recorded;
- ✅ The pass, fail or N/A for every test sheet question and;
- ✅ Voltages, pressure readings, flow test results and more.

From the data we have gathered powerful insight to build and integrate technology that leads the market in fire safety maintenance.Today, the Verified solution delivers seamless data capture and reporting functionality to manage fire safety maintenance and compliance. We support and empower your business to capture all the critical data related to compliance to ensure maximum safety for your buildings, occupants and visitors.

Ensure Your Building &
Occupants' Safety

If you're not confident that your building is 100% compliant with fire safety standards or you are unable to confirm whether repairs and maintenance work were carried out, call us on 1300 133 950.

We will discuss your current repairs and maintenance process, give you a free demo of the Verified process and restore your confidence in the safety of your building and its tenants.

We look forward to discussing what Verified can do for your business today. If you have any questions, or would like further information, please contact us today.

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