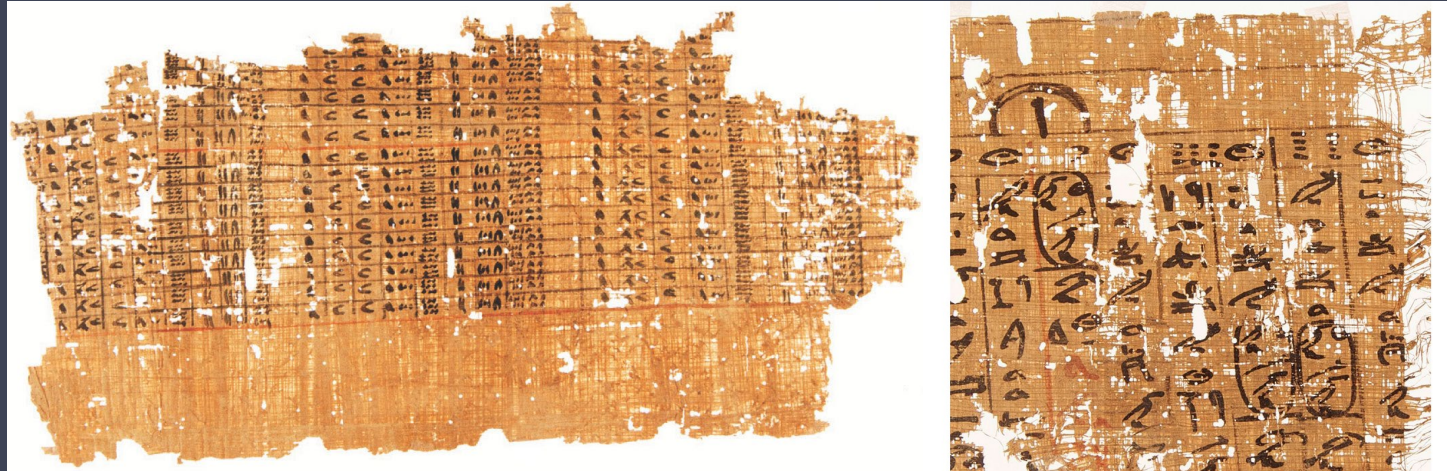




Digital Log-books for Lifts and Escalators

Log-Book History

About 4500 years ago, Pharaoh ordered his construction team to build the world's largest pyramid



The first Log-book on papyrus to record the construction progress...



Log-books Around The World

Aviation Pilot Log-book



Marine Ship's Log-book



Scuba Diving Divers Log-book



Dive # _____ Date _____	
Location _____	
Depth Avg _____ Max _____	
☐ Fresh	☐ Shore
☐ Salt	☐ Deep
☐ Activities	☐ Night
☐ Recreation	☐ Reef
☐ Wreck	☐ UW Photo
	☐ UW Navig
	☐ Search & Recov
Temperature Air _____ Surface _____ Bottom _____	
Visibility ft _____	
Air Start _____ psi End _____ psi	
Weight Air _____ % Nitrox _____ %	
Exposure Protection Full _____ mm Shorty _____ mm Boots _____ mm Hood _____ mm Gloves _____ mm	
Equipment ☐ Camera ☐ Computer ☐ Flashlight	
Bottom Time To Date _____ This Dive _____ Cumulative _____	
instructor Certification # _____ ☐ Divermaster ☐ Buddy	

Log-book Requirements

Under the **Lifts and Escalators Ordinance**

01. KEEP

Owners
of Lifts or Escalators



02. INPUT

Registered Contractors
Registered Engineers
Registered Workers



03. INSPECT

EMSD

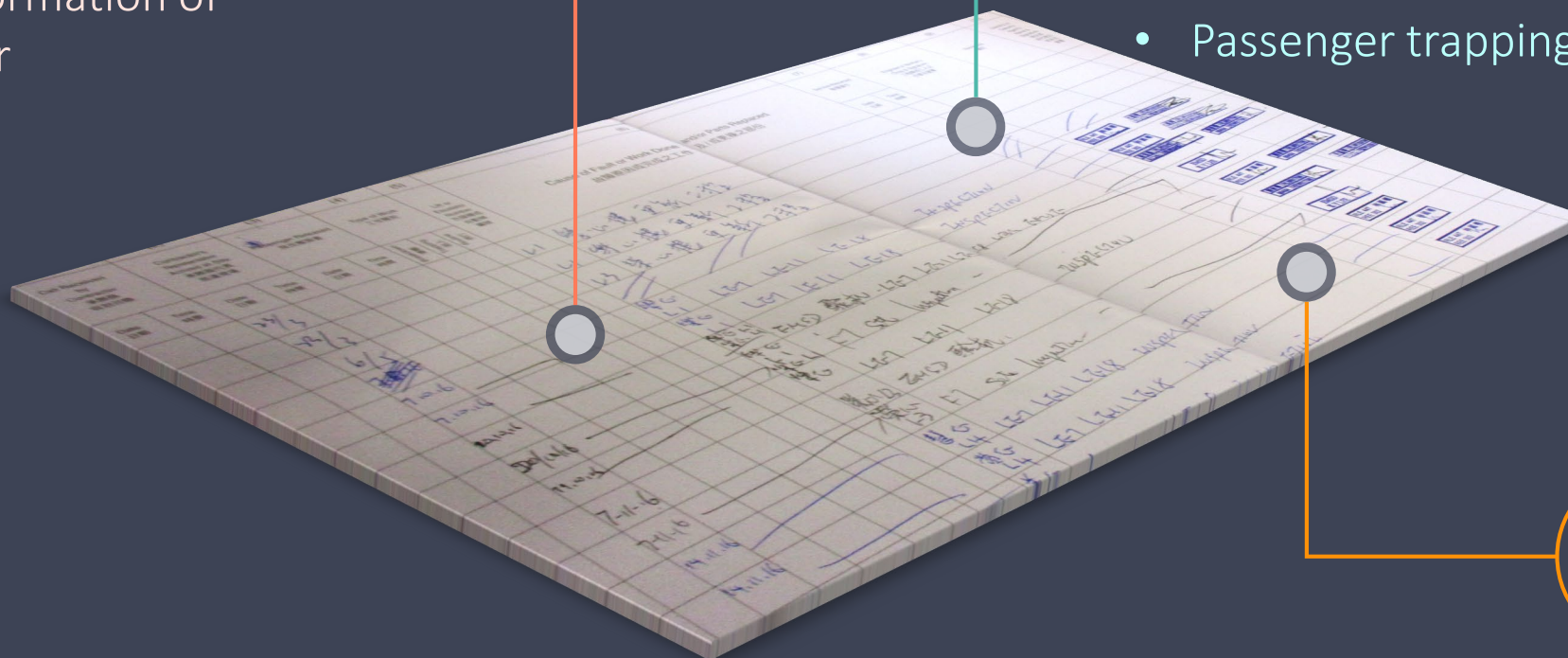




- Basic particulars
- Technical information of lift / escalator



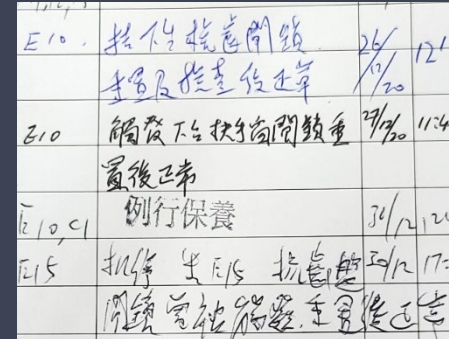
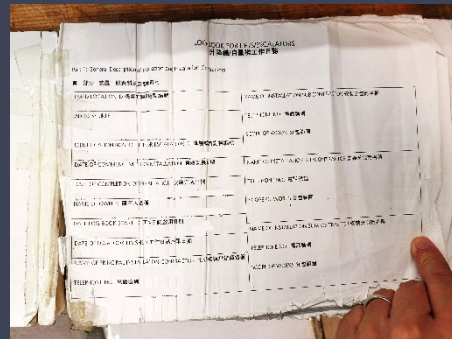
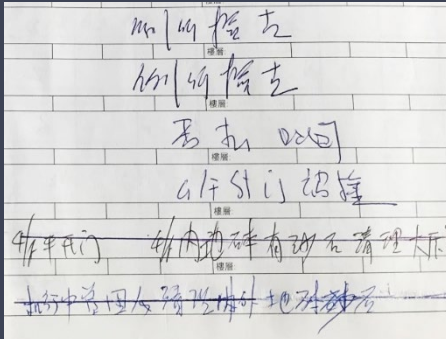
- Maintenance & examination records
- Fault and breakdown records
- Incidents
- Passenger trapping cases



- Maintenance plan

What are contained in the Log-book?

Limitations of Paper Log-books



01



**Data
Accuracy**

Missing information,
amendments or deletions

02



**Lost of
Log-book**

Lost or damaged

03



**Hard to
Read**

Illegible Handwritings

04



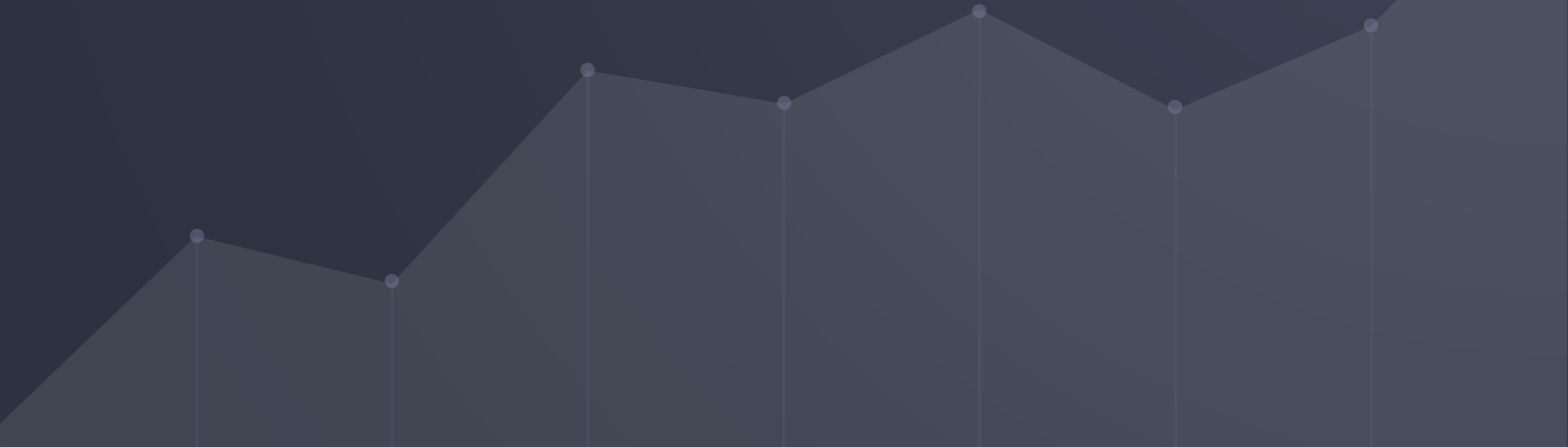
**Scattered
over Job Sites**

Low accessibility

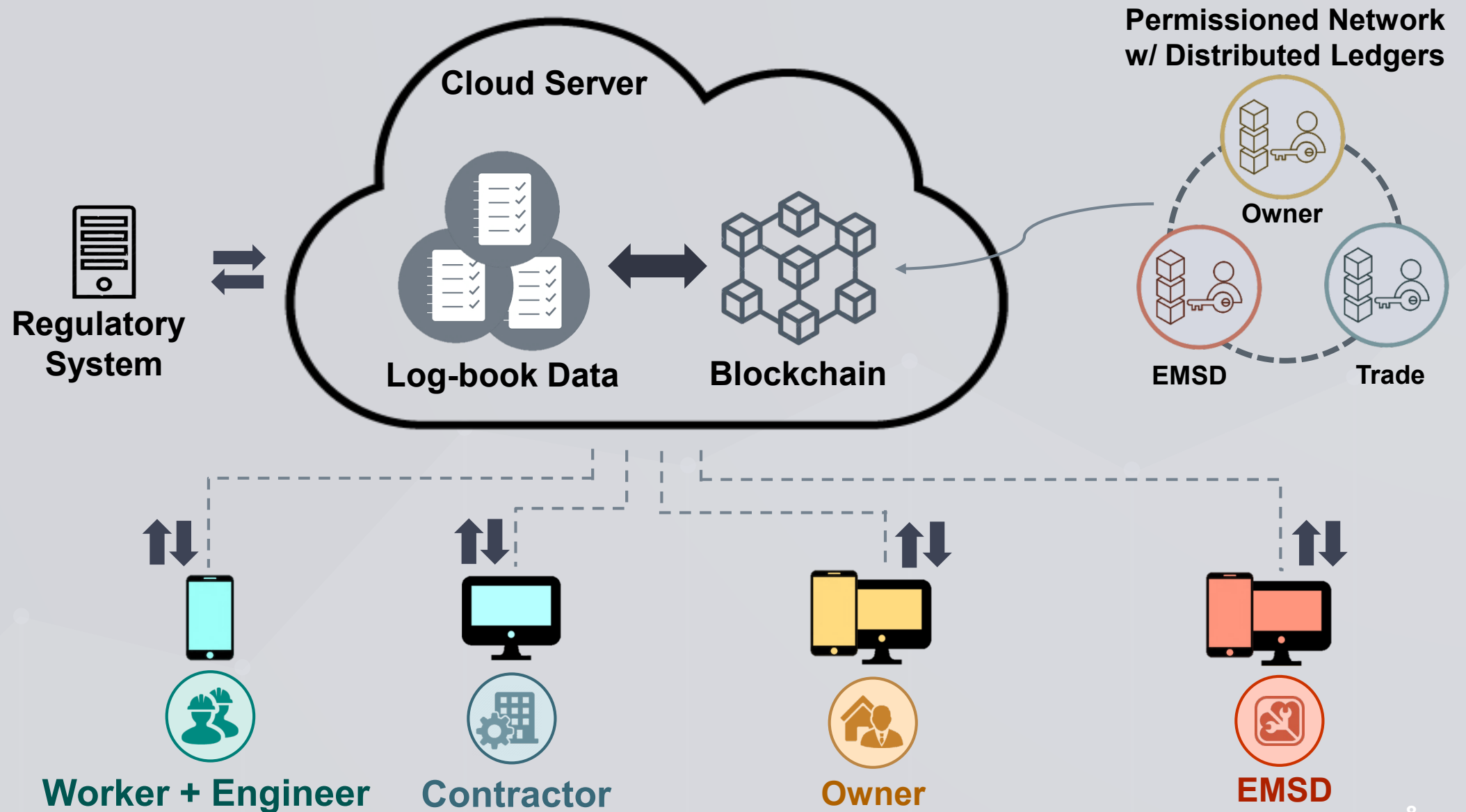
Our Approach to Digitization

All parties work together

to uplift lift and escalator safety and management



System Architecture of Digital Log-books



User Interface (UI) Design

Our Log-books on Devices



DESKTOP VERSION

For property management companies, registered contractors and EMSD

TABLET VERSION

For users that require handy access to the web portal or dashboard

PHONE VERSION

Mainly for workers, engineers, frontlines staff of all kinds of users

Benefits to Practitioners (Workers and Engineers)



User Friendly App

Just a few clicks
to complete
a precise report

**Higher
Efficiency**



Systematic & Analyzable Records

Preview records
anytime, anywhere
Nurture good practice

**Works Quality
Booster**

Transparent & Traceable

Impersonation in filling in
log-book and false input will
disappear

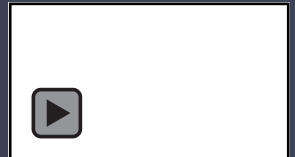
**Better
Compliance**



Adopt Latest Technologies

Pioneer
in E&M Industry

**Improve Trade Image
Attract New Blood**



Full Management Solution to Contractors

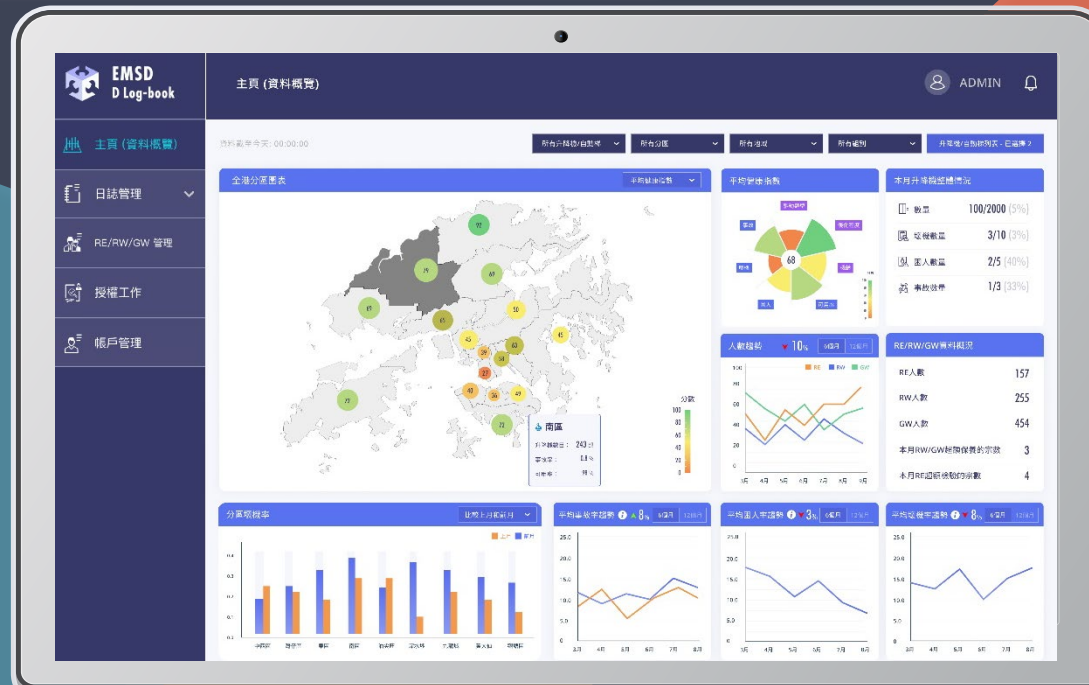
Fulfillment of legal requirements

Contractors rely on practitioners to fill in the log-book.



Real time job monitoring

- Job distribution,
- Maintenance time,



Dashboard to meet operational needs

Resources planning

Pre-tender assessment

Powerful Tools for Owners

To facilitate Owners to monitor their lifts and escalators

Use and Understand the Data

- Smart reports
- Powerful search functions

Facility Management

- Service availability
- Breakdown rate
- Incident rate
- Passenger trapping rate
- Health Index



Smart Notifications

- Overdue reminders
- Safety messages

Contractor Management

- Recovery time
- Rescue time...

EMSD

A Better Way to Regulate (Facilitator & Promoter)



Efficient Monitoring

Improve efficiency of inspection



Data Analytics

Identify lifts and escalators with higher risk for inspection



Rule Abiding

Blockchain helps to improve compliance & promote rule-abiding culture



Smart Notifications

To minimise the chance of contravention



New Communication and Publicity Channel

Paperless publicity



Promote Shared Responsibility Culture

Increase awareness & active monitoring of lift and escalator safety



EFFICIENCY



MOTIVATION



TRUST



POWERFUL

WE BUILD Smart Platform TO UPLIFT Safety Level

The Digital Log-books project is a novel approach in bringing all stakeholders to work in conjunction for management and upkeep of lifts/escalators. The Digital Log-books could also help monitor for compliance with statutory requirements. The Digital Log-books can be taken as the ultimate safeguard (or safety net) for the less fortunate RPs (e.g. 3-nil buildings) to perform the necessary management

to avoid contravening statutory requirements (routine maintenance within a month, examination within a year, etc.). The Digital Log-books will be a game-changer for fostering a compliance culture and maintenance of high lift/escalator safety standard, alleviating the burden on physical inspection with the increase in lifts/escalators.

Thank You

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