Digital Log-books System
for Lifts and Escalators

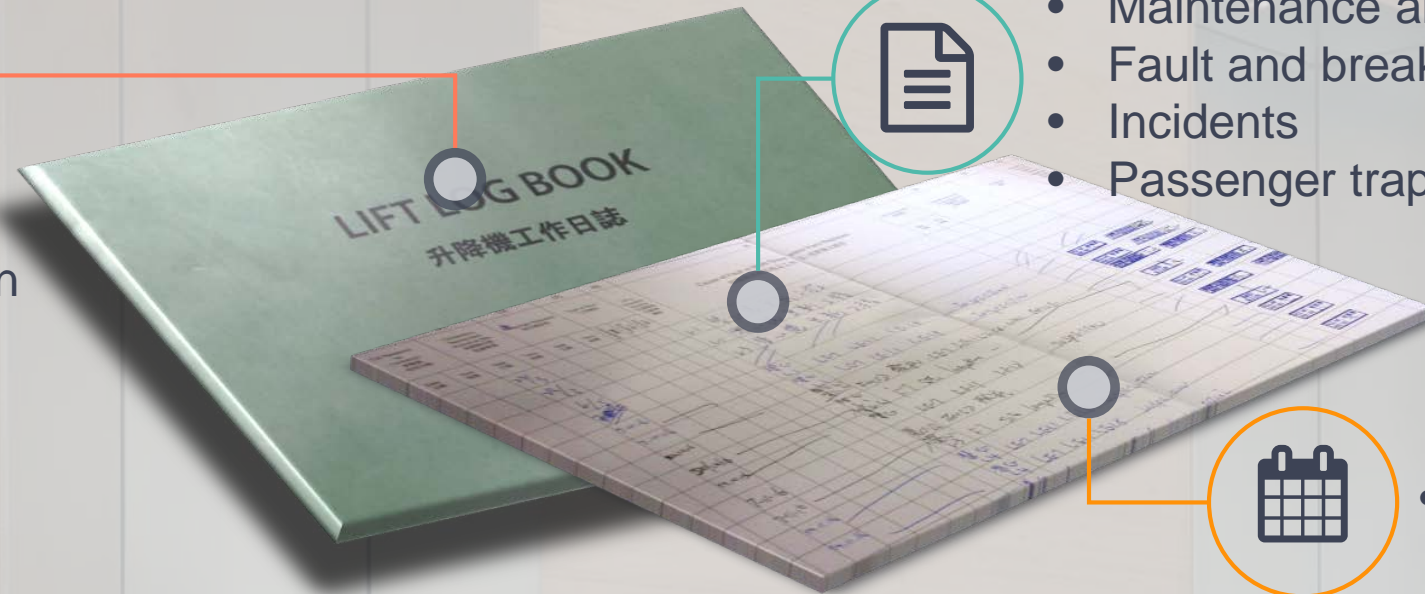機電工程署
EMSD

Log-books in Hong Kong

Requirements under the Lifts and Escalators Ordinance

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

- Basic particulars
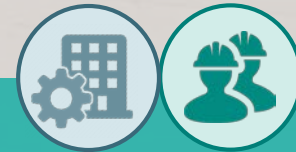- Technical information

- Maintenance plan

01. KEEP

Responsible Persons (RPs) for Lifts or Escalators

02. RECORD

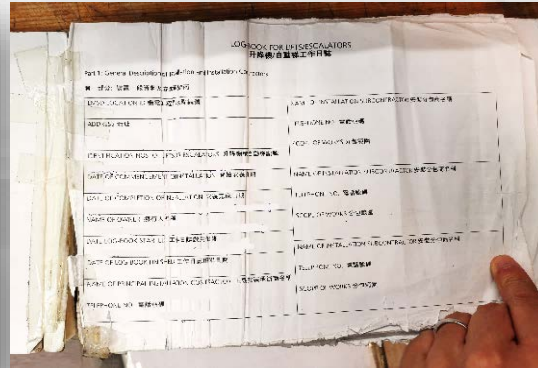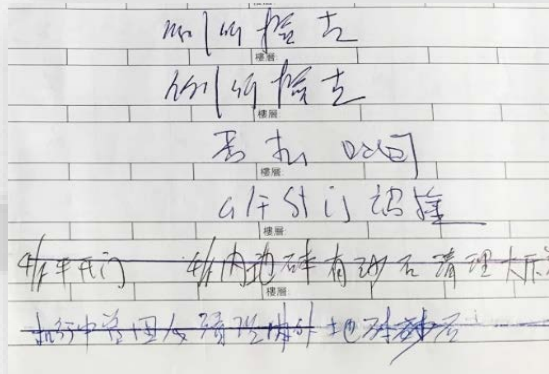**Registered Contractors
Registered Engineers
Registered Workers**

03. INSPECT

EMSD

Limitations of Paper-bound Log-books

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01

Accuracy

Missing information, amendments or deletions

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02

Availability

Lost or damaged

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03

Legibility
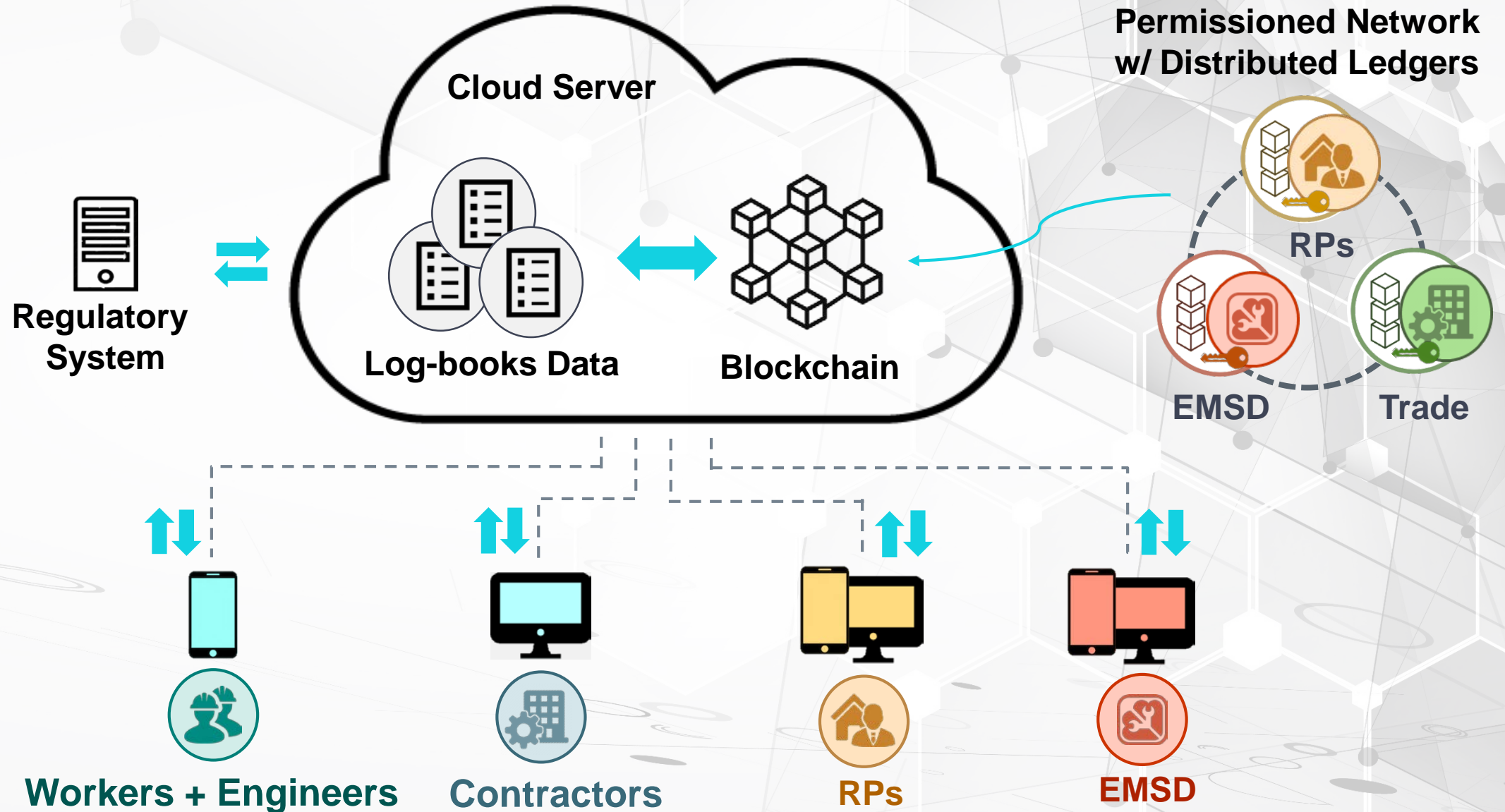
Poor handwritings

#

04

Accessibility

Scattered over Job Sites

Our Approach to Digitalisation

All parties work together

to uplift lift and escalator safety and management

(影片連結: https://www.youtube.com/watch?v=jYe1izlwGCA)

System Architecture of Digital Log-books

Features of Digital Log-books

The Design Objective

智方便

Smart Report

Support Image Upload

Cloud Upload

Customized Dashboard

Facility Management

Smart Notification

Real-time Report

Benefits to Practitioners

**Convenient &
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**

Traceability
Impersonation in filling in
log-book and
disinformation will
disappear

**Better
Compliance**

**Pioneer &
Role Model
In E&M Industry**
Help to raise the status
and image of lift trade

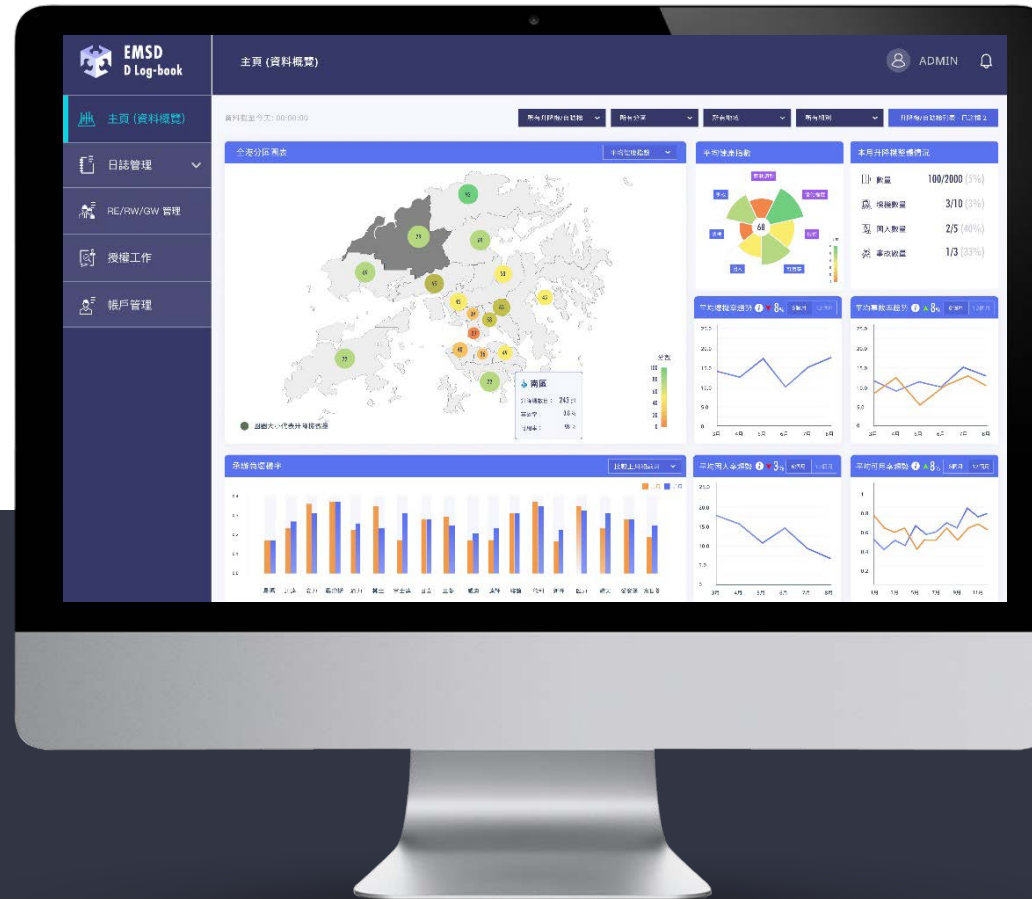**Improve Trade Image,
Attract New Blood**

Benefits to RCs & RPs

Dashboard with Data Analytics
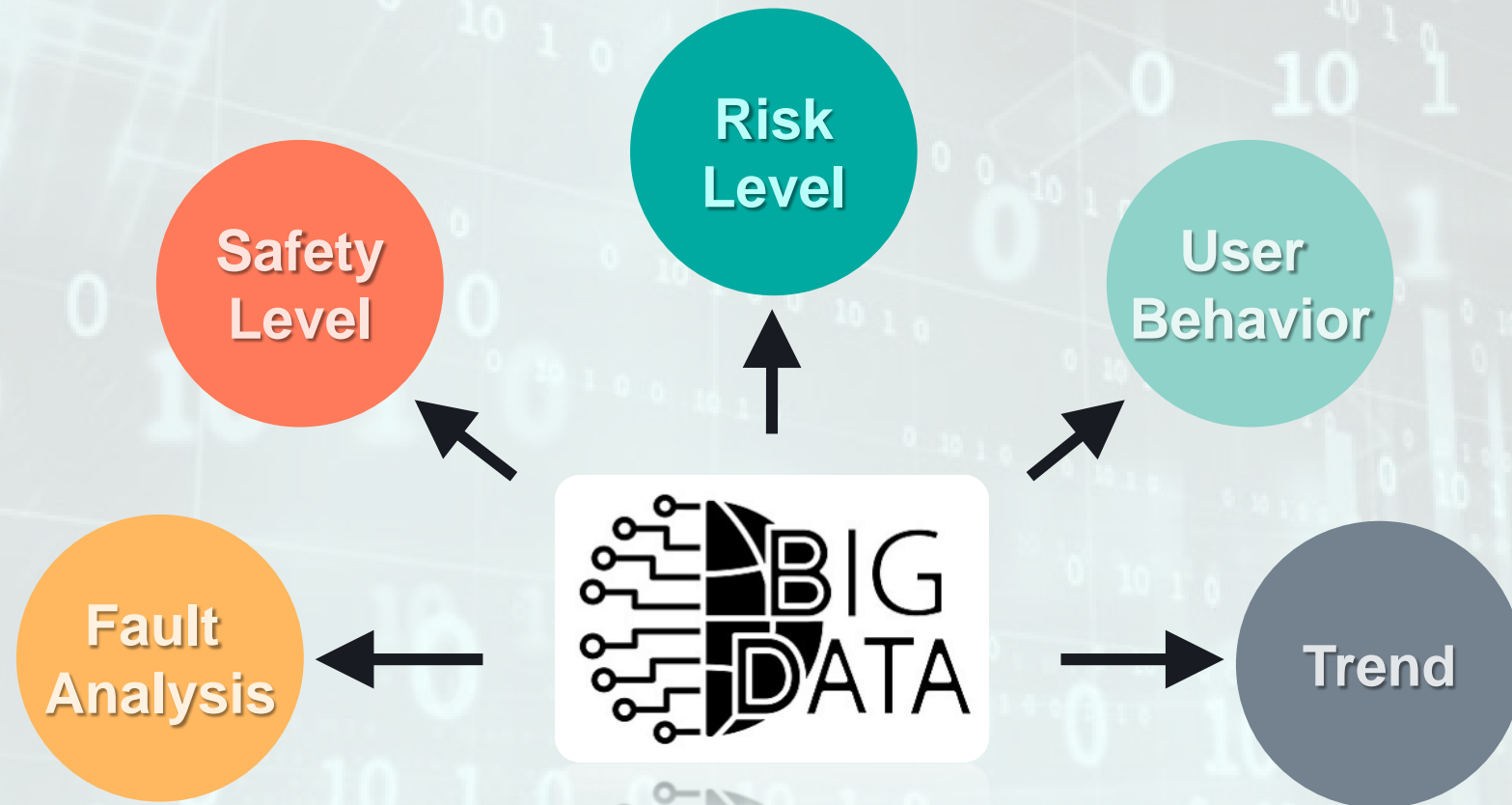
Dashboard for Contractors

- Job monitoring
- Works progress
- Resources planning
- ➡ Operation optimization

Dashboard for Owners

- Facility management
- Contractor management

Embracing the Power of Big Data and AI Analytics

Risk Level

Safety Level

User Behavior

Fault Analysis

BIG DATA

Trend

7000+ works activities (data updates) per day…

and data updates will continue to grow with more and more features added to the platform

From **chaincodes** to **collaboration** for **better lift/escalator safety**

RPs

Collaboration

EMSD

Trade
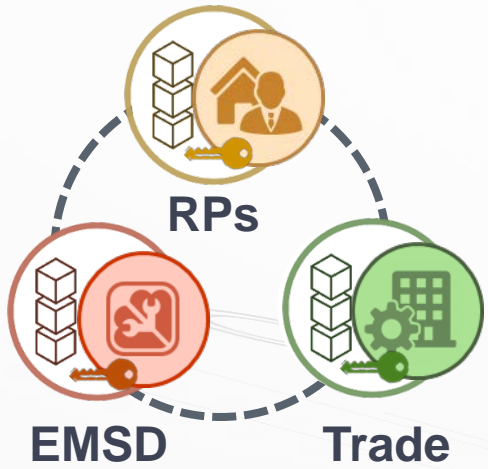
Trust on records/data

Blockchain

RPs

EMSD

Trade

We Plan and Test Together with Stakeholders
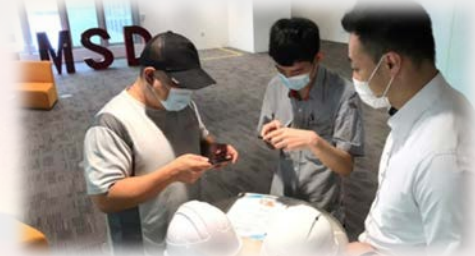
Roll-out of Digital Log-books

- **Free of Charge**

- Regarded as specified forms under the Ordinance

- Comply the stipulated requirement of keeping logbooks

Please contact EMSD / your RC to arrange the

activation of Digital Log-books!
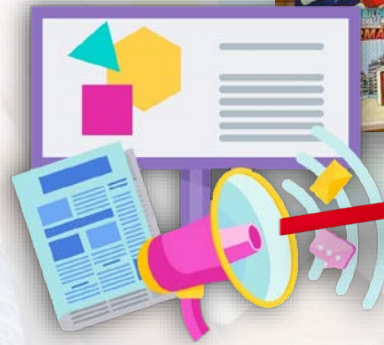
Seminars, Talks, Promotion
For Digital Log-books

PUBLICITY CAMPAIGN

As at Nov 2023,

> **28000** nos. of log-books for lifts / escalators were digitalized

Enquiry

📞 **Hotline**

For office hour (Public Holiday not included) Monday to Friday, 9am-6pm support

IT Support Issue – 3741 8880

Operational Issue – 9761 6685

💬 **WhatsApp**

For office hour (Public Holiday not included) Monday to Friday, 9am-6pm

WhatsApp to 9260 7011

✉️ **Email**

If have any suggestion, please email to:

Digitallogbooks@emsd.gov.hk

🌐 **Webpage**

For more details of Digital Log-books, please go to:

https://www.emsd.gov.hk/en/lifts_and_escalators_safety/digital_log_books_system/index.html