

Lifts and Escalators Application (LEAP) Portal – Enhancements and Future Features

9 January 2023

Presented by :

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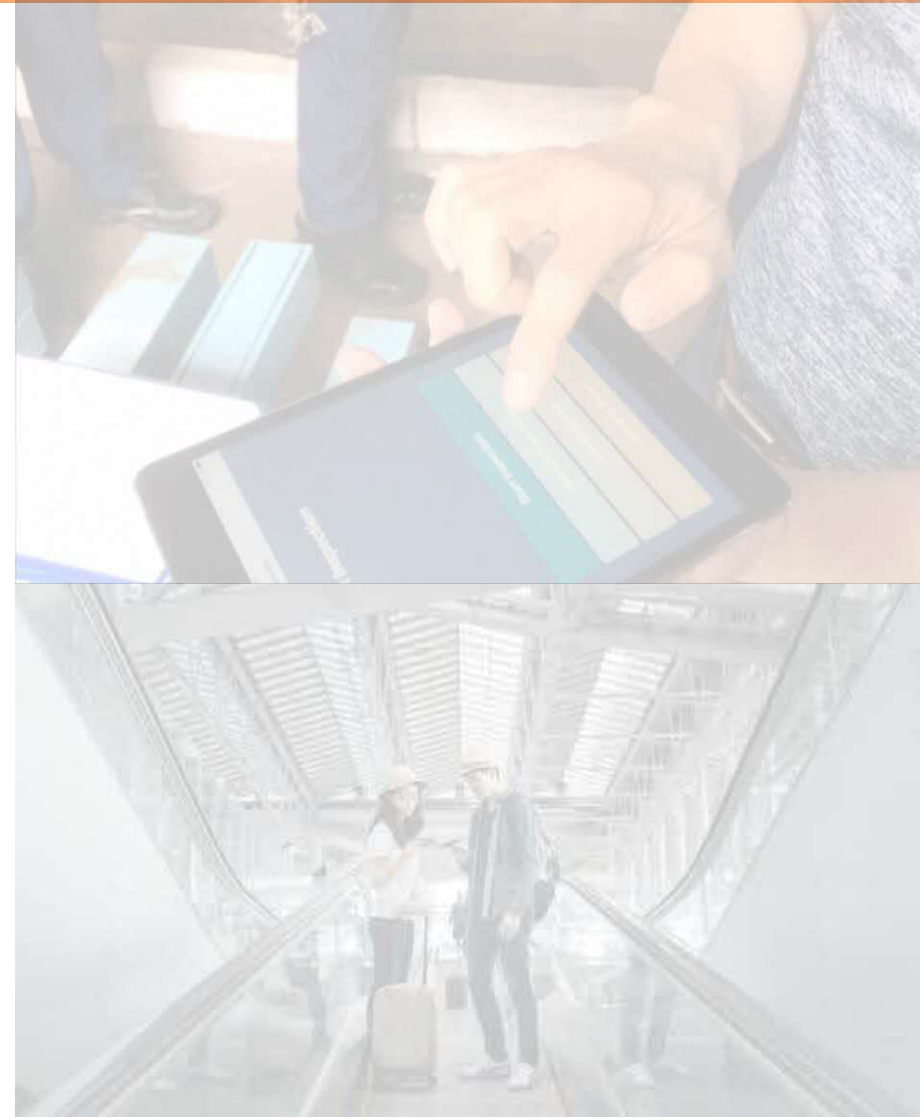
Deputy Director

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Agenda

1. LEAP product vision
2. Enhancements and future features
3. Frequently asked questions and answers



Launch of LEAP

- Since November 2017, permit to operate (“PTO”) applications for new, renewal as well as recommissioning of lifts and escalators (collectively termed as fixed installation) have been carried out through the previous Online Permit To Operate (“OPTO”) system.
- LEAP will include the regulation of Mechanised Carparking Systems (MCPS) when the relevant legislation is amended.
- LEAP portal (<https://www2.bca.gov.sg/LEAP>) was launched on 21 November 2022 and enhancements are progressively carried out.

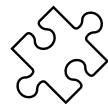


LEAP Product Vision

1) Integrated permit and regulatory platform for new and existing L&Es

Integrated digital service platform for permit applications and efficient regulatory processes to shape a safe and reliable L&E sector

- Portal for new, recommissioning and renewal of PTOs
- Digitally-signed inspection reports viewable by owner and certifying SPE



2) Mobile-friendly portal for both external and internal users

Mobile-friendly and responsive platform for Singapore with high mobile penetration rate of 150%

- SPE using mobile phones to record annual examination, inspection and testing (EIT) results



3) Single source of truth for L&E data

Single source of truth for L&E data to integrate work functions so as to increase productivity & improve data analysis.

- Platform for Progressive Wage Model (PWM) data and maintenance outcomes audit findings



Enhancements

1 Dashboard allows for real-time search

852 / 852 equipment(s) 0 item(s) selected

Display/Hide Columns Group By Column Rectangular Snip

Search

<input type="checkbox"/>	EQUIPMENT ID ▲	EQUIPMENT NO ▲	ADDRESS ▲	POSTAL CODE ▲	BUILDING NAME ▲	PTO EXPIRY DATE ▲	NEXT FUL ACTION
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	dd/mm/yyyy	dd/mm/y

Enhancements:

- Ability to search directly from the dashboard regardless of number of records (not limited to 1,000 records), including export to Excel
- Removed the need to insert commas when searching
- Ability to generate 1,000 PTOs at any one time

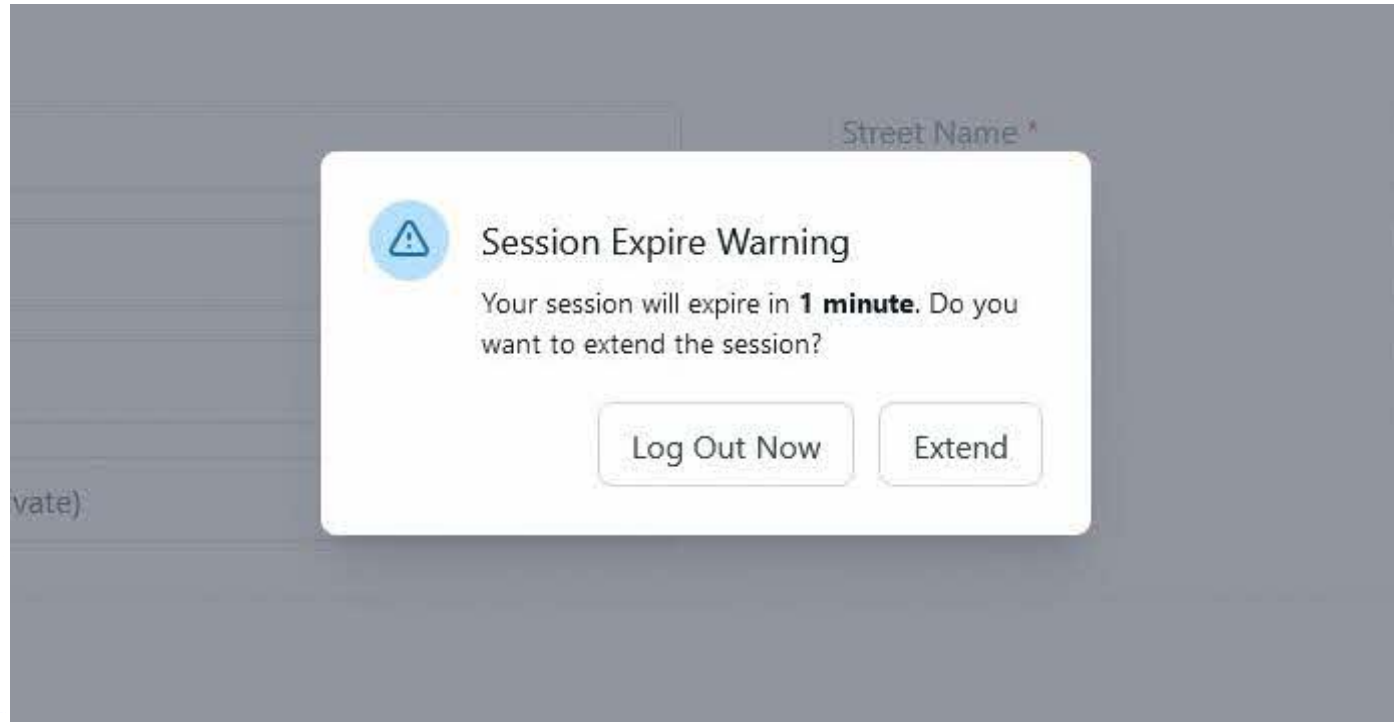


Enhancements

2 Simultaneous log in for Corppass users

Enhancements:

- Different users of the same Corppass entity will be able to log in simultaneously
- Log-out warning message implemented if there are 30 minutes of inactivity



Enhancements

3 User Interface improvements

Search PTO Enquiry

BCA monitors the expiry of PTO of every lift/escalator closely. All lifts and escalators must be inspected and tested in accordance with the requirements annually. Any lift or escalator found not in compliant will be shut down.


Equipment Type *

Block/House Number

Street Name *

Postal Code

Building/Estate Name

Security check * 

Enter characters before searching.

A / L102494	Passenger Lift
10E, BEDOK SOUTH AVENUE 2, 464010	
B / L15700	Passenger Lift
10E, BEDOK SOUTH AVENUE 2, 464010	

PTO Enquiry Page:

- Full address and equipment number and ID are shown for easier search

Enhancements

3 User Interface improvements (con't)

Add Owner's Representative

You may use the dropdowns if the representative is a Corporate Owner/Contractor. Otherwise please add the representative's email.

Representative Type Corporate Owner Contractor Representative Individual Representative

Select an option

Access Duration From To Is Permanent

Active

Yes – I, as the owner of the equipment, acknowledge that I remain responsible for all actions taken by my appointed representative, and I should monitor the actions taken by my appointed representative

Owner representatives must be assigned equipment before they are able to manage it.
Once representative has been added, please visit 'Profile and User management' to assign equipment.

Please ensure that all the equipment that the Owner representative will be managing has been added to the list below.
To add more, please return to the equipment list and reselect all the required equipment before assigning a representative.

III Display/Hide Columns

EQUIPMENT ID	EQUIPMENT NO	ADDRESS	POSTAL CODE	BUILDING NAME	EQUIPMENT STATUS	EQUIPMENT TYPE

Owner's representative:

- Explanatory notes added to ensure owner assigns specific equipment to owner's representative

Future features

- New features will also be added in the 2nd release of LEAP, with service journeys and engagements planned for different user groups
- Planned launch will be in 3Q 2023

Data tracking

- Platform for Progressive Wage Model (PWM) for contractors to submit relevant workers' data
- Maintenance outcomes audit findings carried out by BCA officers will be captured in LEAP

Differentiated user groups

- Due to the constraints of Corppass, all users of the same organization can see all equipment
- Enhancements to allow users to manage equipment that they are in charge of

SMS notifications

- In addition to email notifications, users can select SMS notifications if they wish to, with the option to configure the frequency of the notifications

Frequently asked questions and answers

Question 1: Why must owner carry out a one-time migration process to transfer the records from OPTO to LEAP?

Answer 1: In OPTO, fields on NRIC and UEN for some records are not captured accurately. In addition, there are some owners with multiple OPTO accounts which require consolidation under Corppass.

With the use of Singpass and Corppass log in for owners, such migration cannot take place automatically for all owners. Therefore we have included this migration process during this transition period. This is a one-time onboarding exercise using your OPTO login credentials. The equipment under the OPTO account will be migrated over to the LEAP account.



Frequently asked questions and answers

Question 2: Why must owners initiate the renewal of PTO applications in LEAP?

Answer 2: In OPTO, owners are required to initiate the renewal of PTO applications only for non-GIRO payment modes. Equipment under GIRO payments will be renewed automatically.

In LEAP, owners will have control over the equipment which they wish to renew the PTO. Instead of being presumptuous and automatically renewing the PTO under GIRO, owners should log into LEAP and initiate the renewal so that they do not need to request for refund if the equipment needs to be suspended (such as undergo major alteration works or switched off for an extended period of time).

There are recent renewals for PTOs expiring in Jan to Mar 2023 that have been automatically initiated for renewal by the OPTO system, and there is no need for owners to re-initiate again.



Frequently asked questions and answers

Question 3: Why is GIRO deduction amount different in LEAP?

Answer 3: Based on the Building Maintenance and Strata Management (Lift, Escalator and Building Maintenance) Regulations 2016, a discount of \$10 will be applied per application where the total number of lifts/escalators to which the application relates is more than 10. Only lift(s) or escalator(s) can be grouped in 1 application.

For LEAP the discount will be applied per renewal application. If various renewal applications were made, the discount will only be applied per application.



Thank you



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