

# CASE STUDY

Management of Personnel Through a Bottleneck



## Situation

A brownfield modification project was planned and a high level of activity was scheduled for the platform complex. Platform 2 had a low POB limit and personnel transiting between Platforms 1 and 3 were expected to exceed the POB limit on platform 2. The operator did not have a robust and flexible method of managing the POB limits on platform 2 and the existing T-card system was deemed insufficient.



## Solution

EPIC installed a system of readers and automated POB traffic lights at entry and exit points to each bridge. The traffic lights were installed to manage the separate platform POB limits with an override system to close each bridge separately if desired. The system was fully backed up with UPS to ensure continued operation in a power outage while remaining linked to the ESD System.

## Outcome

The POB limits were maintained within safe levels and the flow of personnel was effectively managed between the 3 platforms, improving operational efficiency. The flexibility of the Smart-Trac POB System allowed the operator to manage the dynamic nature of the POB limits to suit the project phases.

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