CONTROL & MONITOR AIRPORTS

Tower.link

Airport Fleet Management

Tower.Link

TOWER.LINK

Control & Monitor

Seamless Integration of Fleet Monitoring solution

The quick, advanced way to monitor taxiing fleet

Become Aware

Reduce Controller Workload

Controllers handling multiple movements require to monitor each one individually to confirm that they are taxiing in accordance with their clearances.

Tower.Link reduces the controller's workload and contributes greatly to reducing the human errors that occur due to overload

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Runway Incursions

ICAO Doc 4444 - PANS-ATM

A Runway Incursion is defined as "Any occurrence at an aerodrome involving the incorrect presence of an aircraft, vehicle or person on the protected area of a surface designated for the landing and take off of aircraft".

Most Common Runway Incursion:
Incorrect entry of an aircraft or vehicle onto the runway protected area
(without or contrary to ATC clearance or due to incorrect ATC clearance)

1748
2017
Runway Incursion (USA Only)

1832
2018
Runway Incursion (USA Only)

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Integrated
Control Station

Ergonomic Human Engineering

Touch screen design with added free digital handwriting, gives the operator full control over the airport traffic

Multiple screens

Get real time location and warnings about airport traffic

**Real
Time**

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Stand-Alone

Minimalistic footprint in the control room

Use Tower.Link without interrupting currant facilities, use as many screens as you need.

Touch Screen Interface

Get Ai recommendation directly to your workstation
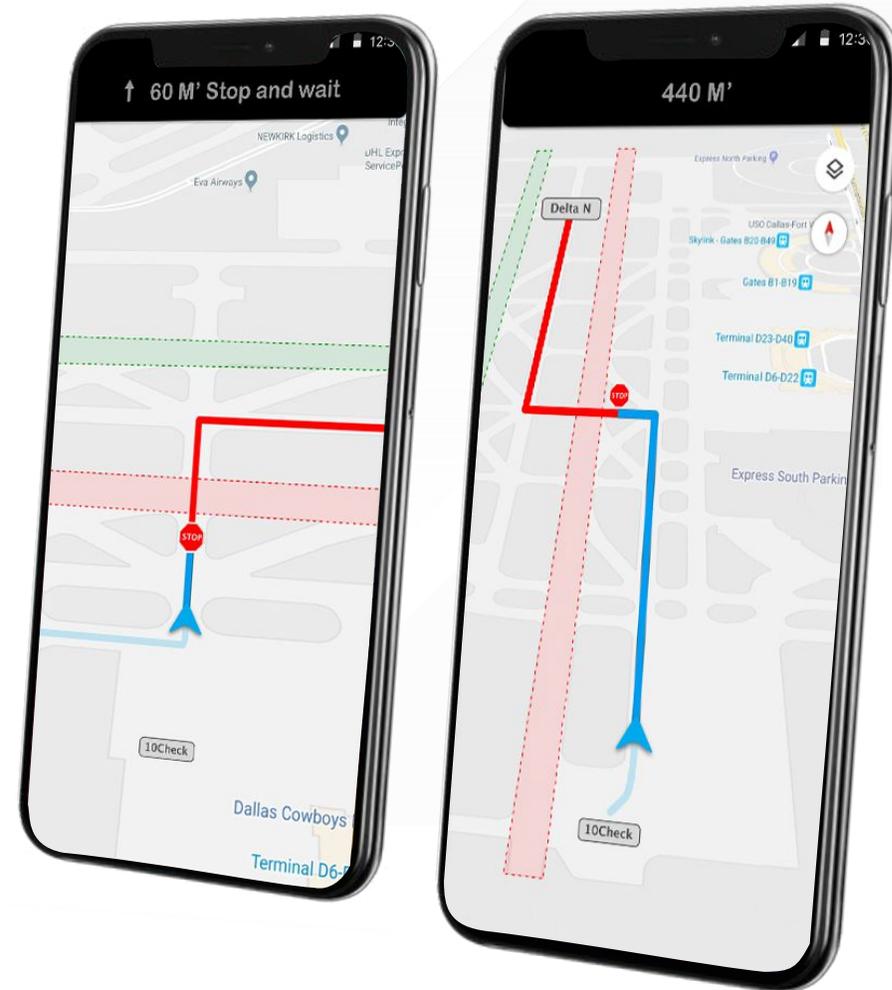
Safety
First

Personal portable station

Designed for the ease of driver use

5 minutes qualifications

A quick, easy to use UI gives all users the ability to send path requests and receive taxiing routes.

See your location

Real time personal location on the navigation path sent by the Tower.
Immediate warnings when out of path

Sensors & Ai Decisions

Get quick, Accurate Solutions for taxiing conflicts.

Accuracy

M10 Motion Coprocessor

Separate chip to collect sensor data from integrated accelerometers, gyroscopes and compasses

Robust

Always on track

Refining of assisted GPS, GLONASS, Galileo, QZSS and Digital compass to get top of the line precision

Ai Decisions

Ai Recommendation

Select best path from a combinations of path options

Safety

Emergency Management

Automatic routes generator, send paths to emergency vehicles

Operational Use Case
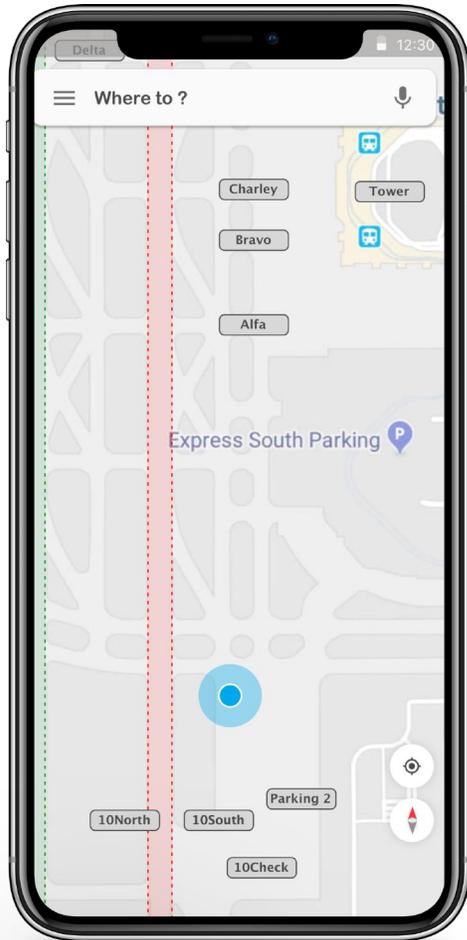
Send and receive path example

01. Get Request   **02. Select Path**   **03. Send Path**

Select Destination
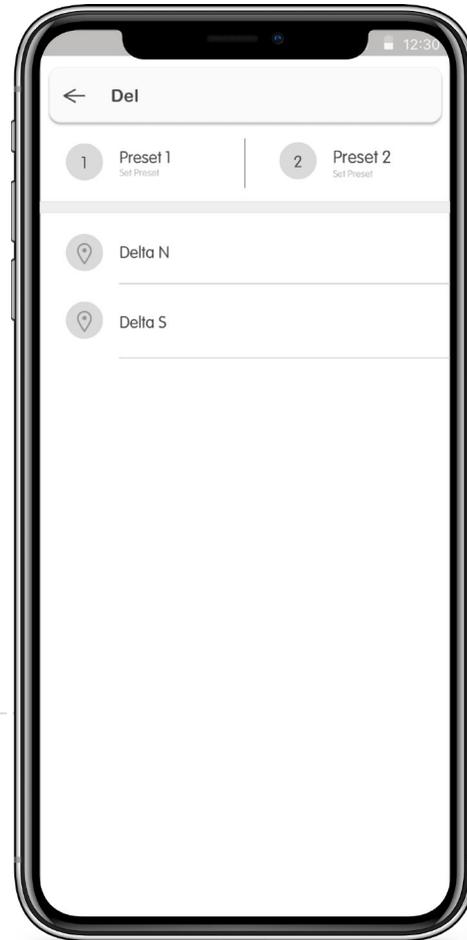
Click or Search for your destination

Tap to select

Easy to select by clicking destination

Destination Search

Search from a pre entered list
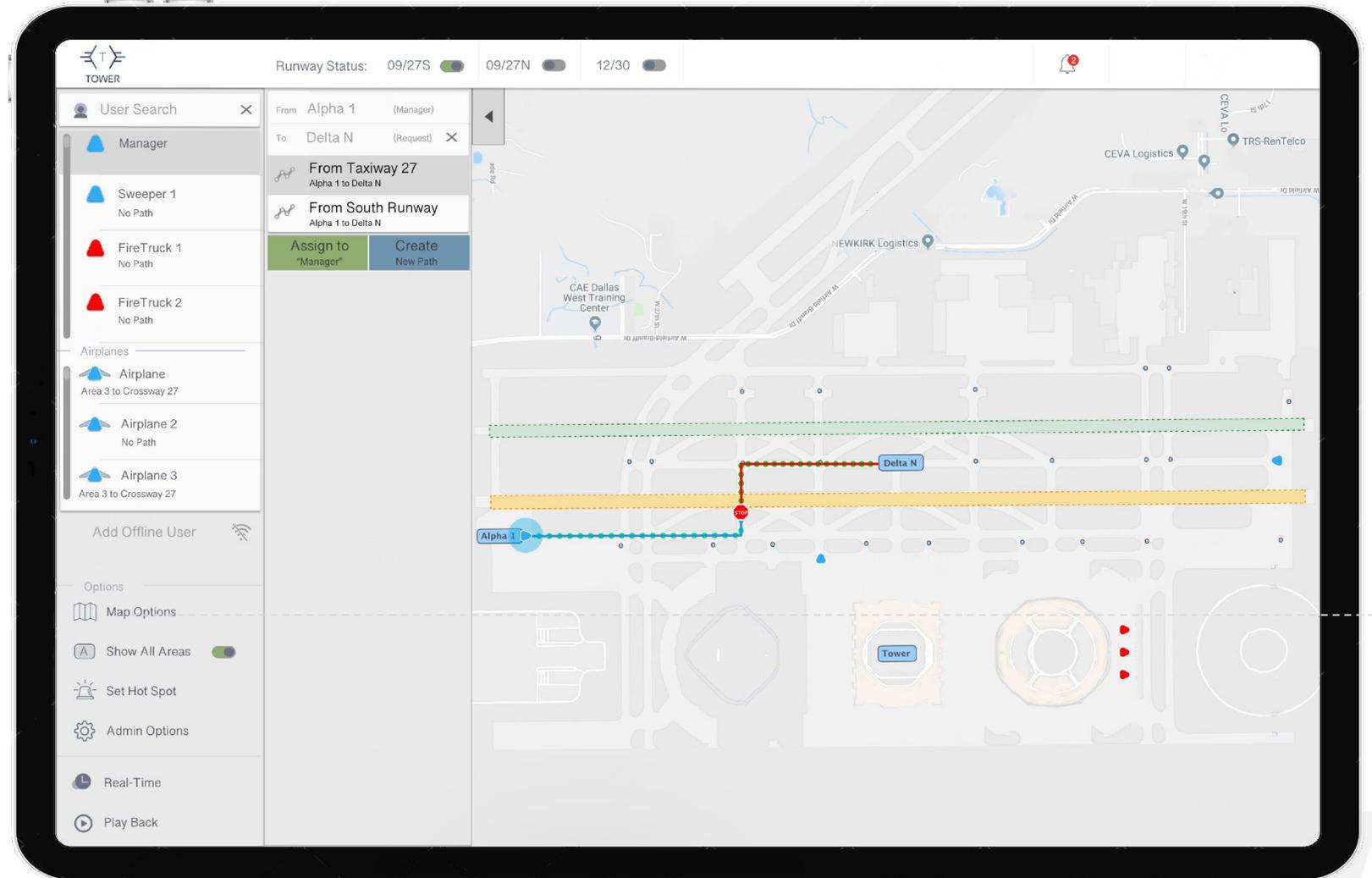
Send Request

Send Tower your destination

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Ai Paths Recommendations

Click or Search for your destination

Mobile App (left)

← My Location ⊙

Delta N ✕ ◉

Wait For Path ⟳

Delta N

Tablet Interface (right)

Runway Status: 09/27S ● 09/27N ● 12/30 ●

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🔍 User Search ✕

| Manager |
| Sweeper 1 — No Path |
| FireTruck 1 — No Path |
| FireTruck 2 — No Path |

Airplanes

| Airplane — Area 3 to Crossway 27 |
| Airplane 2 — No Path |
| Airplane 3 — Area 3 to Crossway 27 |

Add Offline User

Options

🗺 Map Options
Ⓐ Show All Areas ●
🚨 Set Hot Spot
⚙ Admin Options

🕐 Real-Time
▶ Play Back

From: Alpha 1 (Manager)
To: Delta N (Request) ✕

From Taxiway 27
Alpha 1 to Delta N

From South Runway
Alpha 1 to Delta N

Assign to "Manager" | Create New Path

CEVA Logistics
TRS-RenTelco
NEWKIRK Logistics
CAE Dallas West Training Center
Delta N
Alpha 1
Tower

Wait for Path

User waits for Tower path

Select path

System Considers all available options

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Navigation Tracking
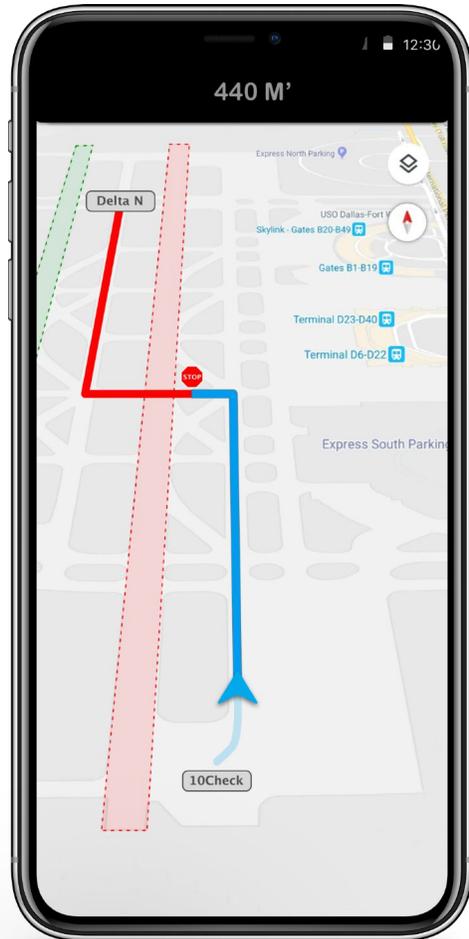
Always on Track

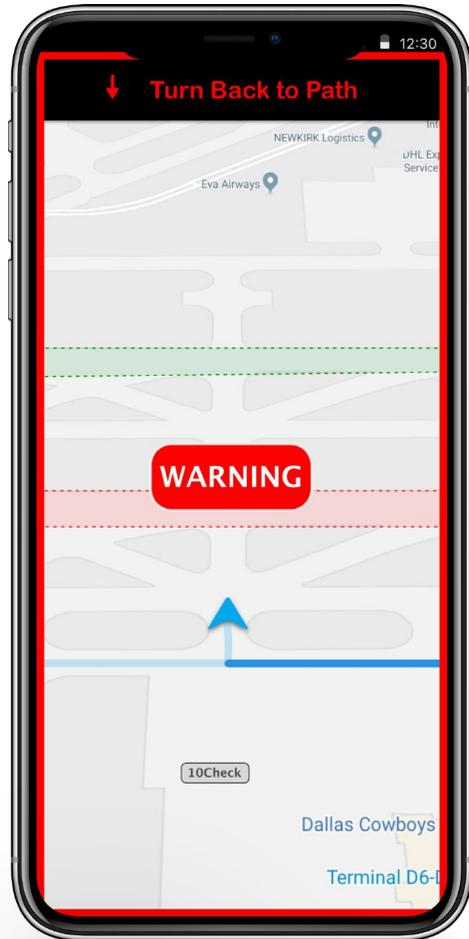Real Time Location with guidance
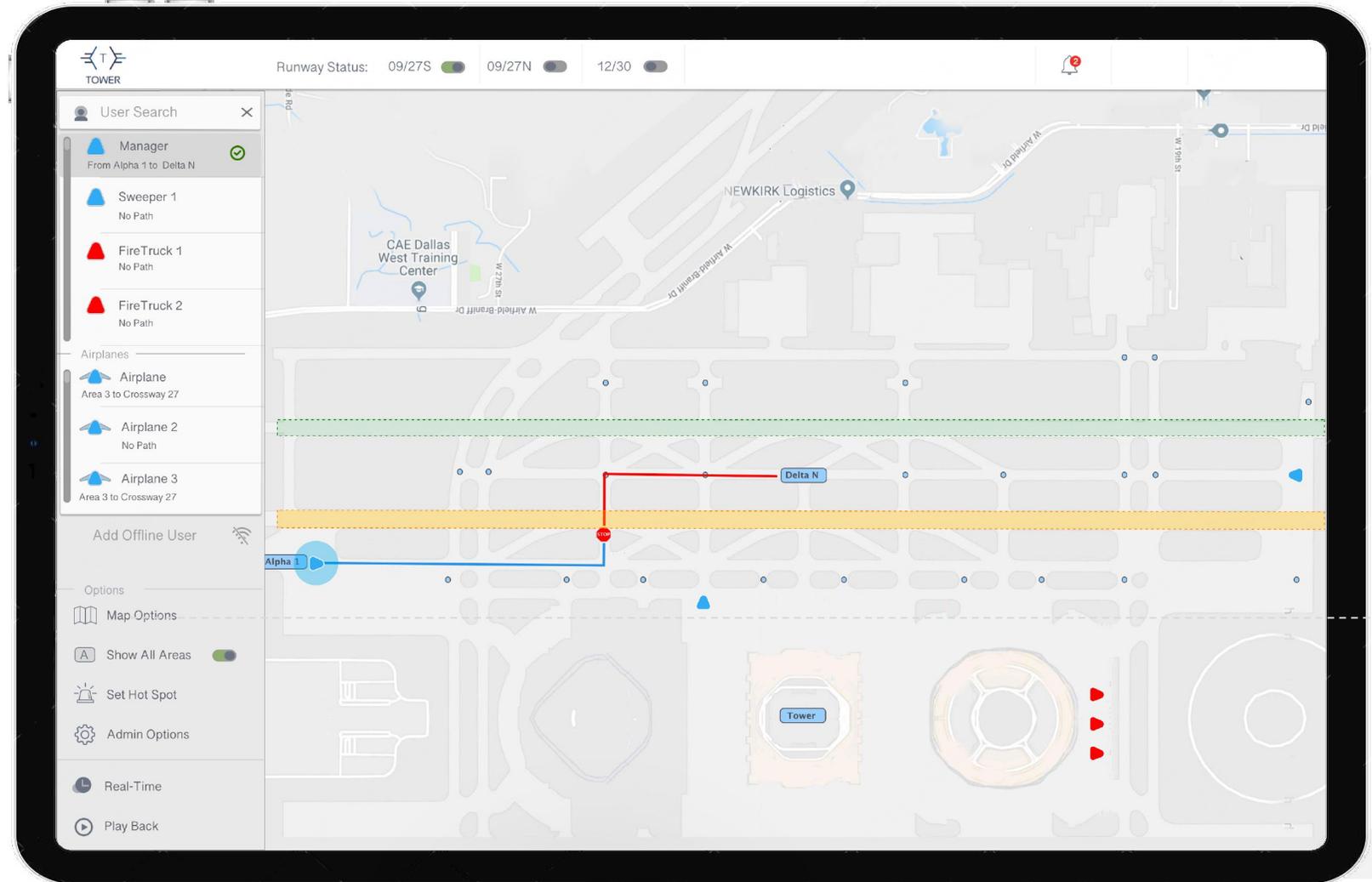
Monitor your traffic

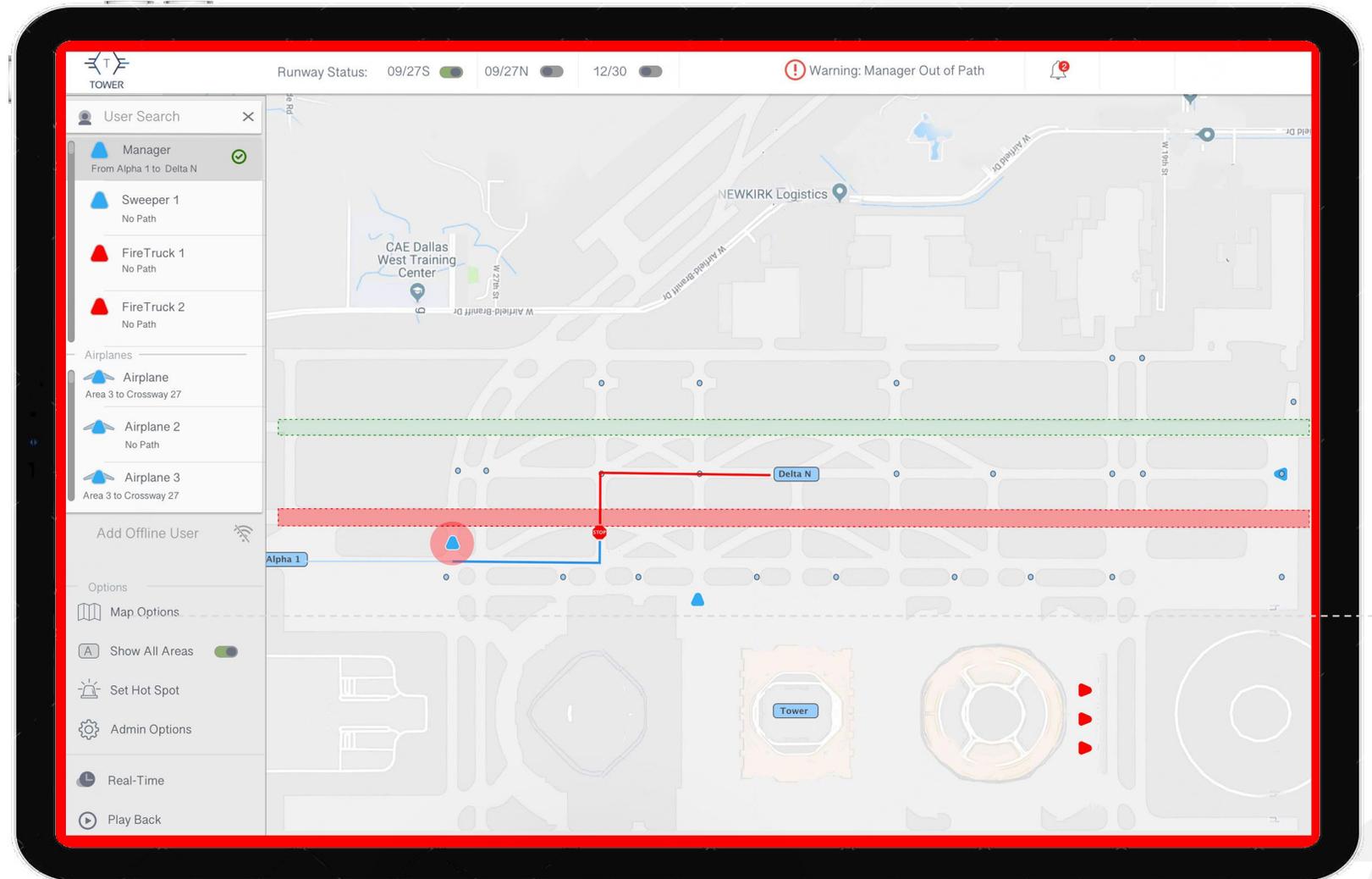Track Moving Traffic at the Aiport

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Safety First

A variety of safety alarms for any case of navigation error

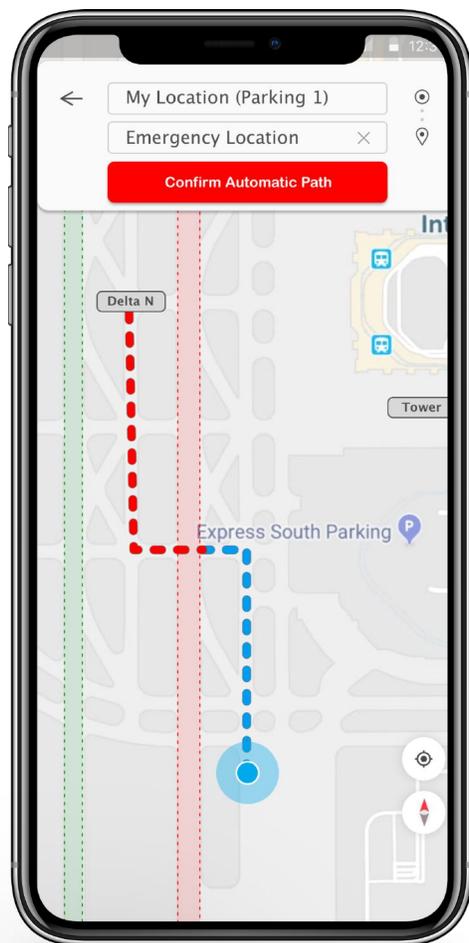**Out Of Path**

Warning Warning!

Avoid accidents
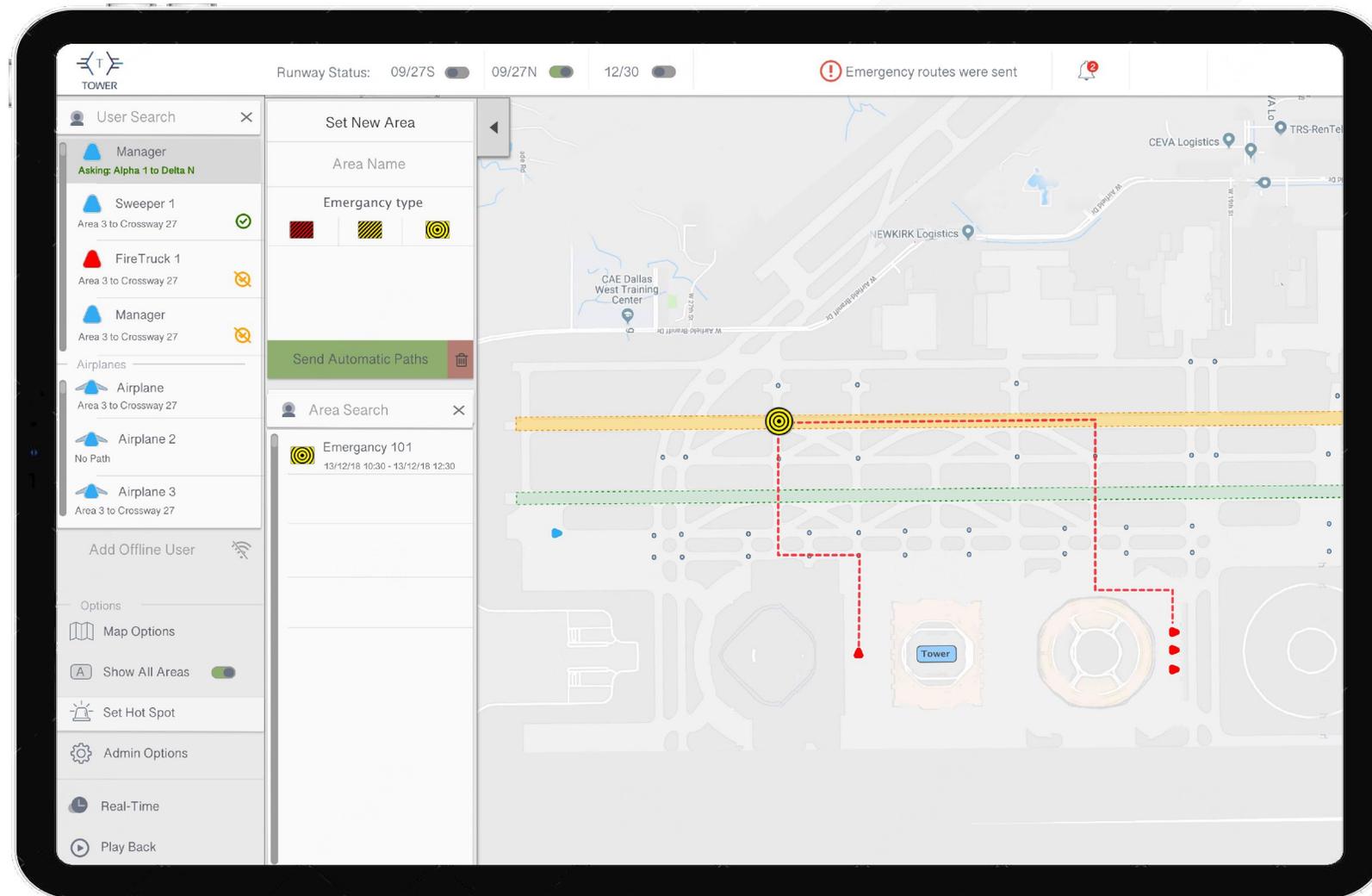
Clear Incursions area immediately

Emergency Control

Don't waste time

Know your way without calling the ATC

Mark Emergency Location

Multiple automatic paths sent to all Emergency vehicles

Fully Customized System

Tailored to your airport according to needs and requirements

Always Unique

Each airport has its own unique characteristics, System adjustment is performed according to these characteristics to create precise conditions for fleet management

100%

Set for your needs

01 Emergency Management

Automatic routes provider for all emergency vehicles straight to emergency location

02 Construction Area

Easy area closure seen on the map for all users. System will automatically detour this area.

03 Playback

Playback option allow you to debrief and train using the system saved information

04 Manage Qualifications

Get information about each user (last login, permissions, ...) Easy to set the next training

... More & More

Many other features Assimilation of additional features according to the customer's requirements

Get In Touch

Our dedicated team of air traffic controllers, pilots and software developers will be happy to answer any questions raised

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A wonderful place to visit

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