



# Elevating Airside Maintenance

## A New Era for Airside Maintenance

CORTEX Service is a powerful, cloud-based maintenance management solution (CMMS) specifically designed to optimize airside operations. Drawing on years of innovation and real-world airfield experience, CORTEX Service streamlines everyday maintenance tasks, enhances asset tracking, and supports faster, data-driven decisions.



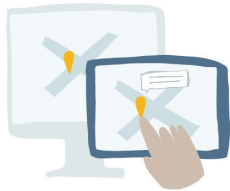
## Why CORTEX Service?

- **Purpose-Built for Airfields:** From runway lighting to gates and underground equipment, CORTEX Service manages all your assets in a single, intuitive platform.
- **Simplified Maintenance Workflow:** Use built-in scheduling, tracking, and reporting tools to save time and reduce paperwork.
- **Flexible Mobile Apps:** Whether on an iPad or iPhone, technicians can instantly record and share maintenance data on-site, complete with photos, voice notes, or observations.
- **Seamless Hardware Integration:** Connect your compatible torque wrenches, location devices, and other specialized equipment to ensure precise data collection and reduce manual errors.

## Reimagined for 2025

CORTEX Service continues to evolve. The rebranding process—once known as ALIS—is now reintroduced with a more simplified setup and subscription packages. From essential monitoring to full-fledged maintenance management, CORTEX Service scales to meet the specific needs of your airside operations.

# Key Features & Packages



## CORTEX SERVICE CONNECT

Designed for airports seeking advanced device connectivity, CORTEX Service Connect links seamlessly to the Airside Cloud platform on Microsoft Azure. It offers:

- **Real-Time Monitoring:** Check the status of connected devices like PAPI lights or CCRs from anywhere in the world.
- **Instant Alerts:** Configure email or MS Teams notifications for critical updates—act quickly when runway or taxiway systems need attention.
- **People & Maintenance Integration:** Combine CORTEX Service Connect with the Maintenance module to unify connected and non-connected assets under one system.

## CORTEX SERVICE MAINTENANCE

Build on the Connect package (or use it standalone) to incorporate preventive and corrective maintenance features:

- **Work Order Management:** Easily create, assign, and track work orders for everything from routine inspections to urgent repairs.
- **Asset-Type Flexibility:** Group similar lights or technology under one “asset type” and manage uniform maintenance tasks across the board.
- **Torque Tracking & Analysis:** Pair with compatible electric torque wrenches to automatically record torque values, helping you monitor fixation quality and identify loose bolts before they become a safety concern.

## OBSERVATIONS & NOTIFICATIONS

- **Observations:** Spot an issue on the runway? Snap a photo and log an observation immediately, even dropping a virtual pin anywhere you need to report.
- **Notifications:** Configure automated alerts for new or updated observations, ensuring rapid communication between maintenance managers, technicians, and stakeholders.

## MOBILE ON-SITE APPS

- **iOS Compatibility:** CORTEX Service iOS apps (for iPad and iPhone) let technicians view work orders, capture real-time data, map assets automatically with GPS, and submit on-the-spot observations.
- **Offline Mode:** Keep working even in remote areas. Once back online, all data syncs seamlessly to the cloud database.
- **Streamlined Setup:** Use QR or barcode scanning to instantly identify assets located indoors, on the field, or in harder-to-access areas.

# Additional Highlights



## Photometric & Data-Driven Insights

- **Photometric Integration:** Track the illumination levels of runway lights, automatically record photometric data, and spot early failures through color-coded map filters.
- **Advanced Reporting:** Export data on torque measurements, asset history, or photometric performance; generate reports in PDF or Excel for internal audits or compliance needs.

## Hardware & Device Support

- **Ingersoll Rand & Tohnichi Wrenches:** Connect electronically to ensure torque logs are captured automatically and stored securely.
- **LINC 360 & Connected PAPI:** Monitor real-time status, angle settings, or isolation resistance from the comfort of a web dashboard.

## Why Choose CORTEX Service?

- Consolidate maintenance, asset tracking, observational data, and connected device monitoring in one place.
- **Real-Time Collaboration:** Link your on-site technicians, management team, and even external contractors with integrated notifications and shared dashboards.
- **Global Support & Expertise:** ADB SAFEGATE provides dedicated service desk options, user training, and continuous software enhancements to keep your airside operations running at peak efficiency.

### Ready to Learn More?

- Visit our online portal, accessible through your CORTEX Service web interface, for detailed user manuals, troubleshooting tips, and release notes.
- Contact your ADB SAFEGATE representative or submit a support ticket directly from the CORTEX Service "Help" menu.



## Next Steps

1

### **Talk to Your Team:**

Identify the maintenance processes you'd like to streamline.

2

### **Request a Demo Session:**

Explore real-time device monitoring, connected torque wrenches, and advanced reporting in action.

3

### **Scale at Your Own Pace:**

Whether you're interested in CORTEX Service Connect or a fully integrated Maintenance module, choose the package that aligns best with your airport's priorities.