Edge Airport
Airport Manager Solutions

CUPP-T *Simplying the CUPPS*

IATA | Strategic Partner

Edge-Airport

Edge-Airport a global provider of IT solutions and services to airport sector, with the headquarters based in France. We trace our beginning in 1994 with **Airport Manager** software suite**,** which led to the formation of **Edge-Airport**.

Currently, Edge Airport group is composed of two entities, and a third in the making, planned to open by the end of 2018.

Mission

- 👍 Increase business agility by delivering leading edge technology solutions.
- 👍 Reduce costs by favoring open systems.
- 👍 Ensure freedom of choice by eliminating dependency on proprietary systems

Airport Manager – *The 25 years of software suite story*

1994 :
AMInvoicing
Aeronautical
Billing & Statistics

2001 :
Airport Manager FIDS *:*
Deployed 1st version at
Bergerac (France).

2009 *:*
Airport Manager
developed CUTE
*system "**Cupp-T**".*

2011 :
Edge-Airport Africa
Presence in Ivory
Coast

2014 :
*Developed **RMS***
Airport Fixed
Resources

2016 :
*Developed **BRS***
Baggage
Reconciliation

1994	1996	2001	2004	2009	2010	2011	2013	2014	2015	2016	2017

1996 :
*"**Airport Manager**"*
deployed at regional airports.
First international deployment
at Abidjan airport, Ivory Coast.

2004 *:*
2 new products
- *Local DCS*
- *IATATEXT : Type-B*
  Messaging

2010 :
Founded
Edge-airport
France

2013 :
CUPP-T
certified to
IATA/CUPPS

2015 :
Developed
PaxTrcer
Passenger Tracking
& Statistics

2017 :
AMInvoicing
in mobile
version

AIRPORT MANAGER SOLUTIONS

AMInvoicing
Aeronautical Billing and Statistics

I-OPS
Interactive Dashboards

Invoicing

CUPP- T
IATA CUPPS Plateform

L-DCS
Local Departure Control System

Boarding

RMS
Resource Management System

FIDS
Flight Information Display System

Managing

AODB
Airport Operational DataBase

PAXTracer
Passenger Tracking and Informations

BRS
Baggage Reconciliation System

Tracking

SuperVision
Monitoring & Supervision

Messaging

IATAText
Type-B messaging

CUPP- T

Common Use
Passenger Processing Technology

CUPP- T is a new generation of *Common Use* platform to facilitate multiple airlines and other operators to share common check-in, gate or other workstations and peripherals with security, interoperability, compatibility and flexibility.

CUPP- T is certified to **IATA/CUPPS**

Native CUPPS platform: no CUPPS over CUTE

IATA recommended practice 1797

No proprietary firmware

CUPP-T hosts all CUPPS applications for airlines

DCS

ALTEA

MACS

TROYA

Cupp-T
Common Use

L-DCS

SABRE

Other CUPPS
Applications

AEA Devices
Windows peripherals
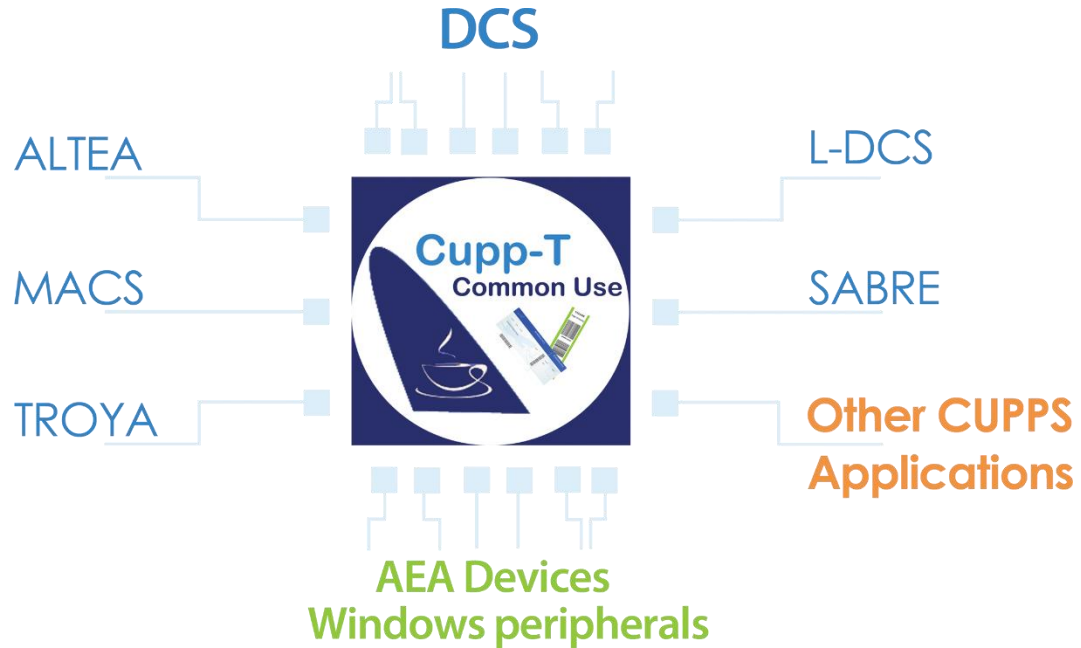
Key **CUPP-T** Features

True Native CUPPS
Cupp-T platform is developed natively with no historical overlay, as per IATA/CUPPS spec. Unlike other CUPPS over CUTE platforms, this native CUPPS results in an increased operational reliability and faster response times.

NO Proprietary Firmware
No proprietary firmware is required for the peripherals like boarding pass printers, bag tag printers, boarding gate readers, barcode scanners etc. Respecting the IATA /CUPPS and AEA standard, the airport has full freedom of choice to buy any device vendor or model, without supplier affiliation.

Secure
Cupp-T manages user authentication, run authorized applications and provides secure access to devices.

Open architecture
Cupp-T allows airlines and other operators to launch their own CUPPS applications without long and expensive certification procedures.

Key **CUPP-T** Features

Scalable

Cupp-T is configurable and can handle multiple workstations simultaneously. It enables airports to expand their infrastructure in scale and to seamlessly integrate new airlines without leveraging their investment.

Standalone or client-server

Cupp-T can operate in a standalone or client-server mode, in virtualized or non-virtualized environment.

Workstation

Cupp-T workstations are industrial designed for high-performance, complying with IATA / CUPPS standards.

Remote Supervision

Supervision allows the IT department to view and control in real time the operations performed on each station of the Cupp-T platform. It can be used as a monitoring tool in back office.

Edge Airport
Airport Manager Solutions

On time

Cuppt-T Device Manager (QDM) Interface

Platform status — Pstd
Workstation — Wstp
ADEX —

Administrator
Menu Editor | Device echo ☑ | Log / Trace

Menu | Devices 1/2 | Devices 2/2

Physical Devices
... 1
... 2
OC 3
  1 2
BP
BT
PR

  1 2 3
BG BC DD

Controlled webmail access

webMail | Explorer

16/05/2018

Cupp-T Common Use

Airport IATA code | ABJ
OPR / username | EK/jtissier
Password | ••••••••

Run F5 | Logout F8

SAdmin

Exit

Iatatext | Command Line Interpretor

```
CUPPSTSD = T:\
CUPPSTSL = T
CUPPSTSU = \\ABJE1CKO2601\TLS
CUP SUN = jtissier
CUP X
CUP X
CUP 2601ZL1
CUPP L1 = ABJE1CKO2601ZL1

Login = jtissier
OPR = EK
Username = Julien Tissier
BP1 -->
HDCEPOK#AIRLINEID=176#CONTRAST1=05#CONTRAST2=05#CONTRAST3=05#HARDCODE=HDC#DOTF
```

Size | Time remaining
0%

On | Reboot | Shutdown

Time	Event	Statu
11:02:32.571	load menu from PGS	
11:02:32.419	Usage timer started for EK	
11:02:32.417	Julien Tissier is successfully granted as sadmin	
14:45:20.012	<uStpEnteredEventT> ET/ has been logged out	

Microsoft Office

Internet website access

<No data to display>

0

Callout labels:
- Host DCS, ERP, LDCS…
- Create dynamic menus
- Configure devices easily
- Secure access to printers
- Crash recovery functions
- Controlled webmail access
- Secure user access
- Launch MS office Applications
- Access management as per user profiles
- A query tool for technical maintenance
- A logging interface for debugging
- Controlled access to Windows
- Dynamic environment settings for application

Simple to Use Interface

Lufthansa Cute Future
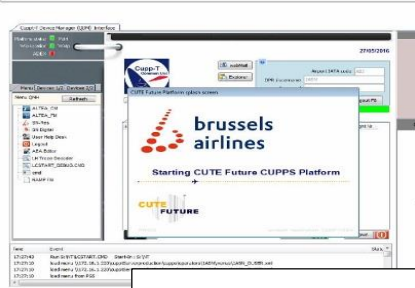
Amadeus Altea

Sabre
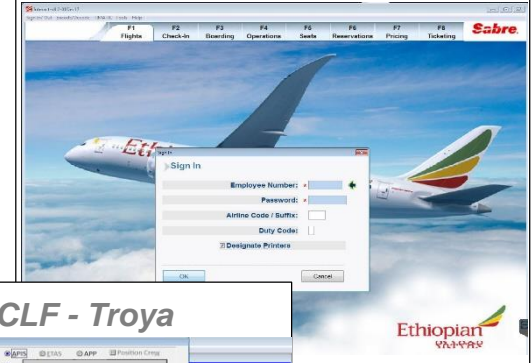
Travsys TSCA - MACS

Unisys CLF - Troya
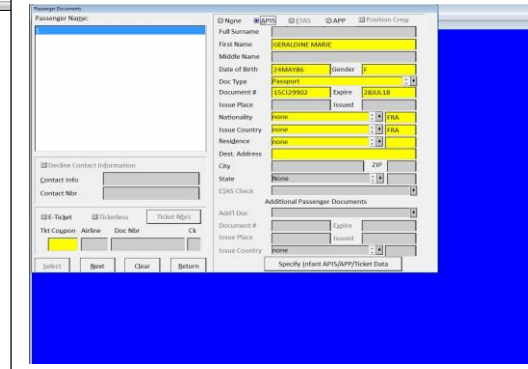
CUPP- T used by Airlines worldwide

Why Cupp-T

an Airport's cup of tea…

- Lower check-in and boarding operation costs
- Improved resource utilization
- Add new airlines at no cost
- Expand infrastructure seamlessly
- Streamlined Migration
- Reduced Training costs
- Optimized maintenance
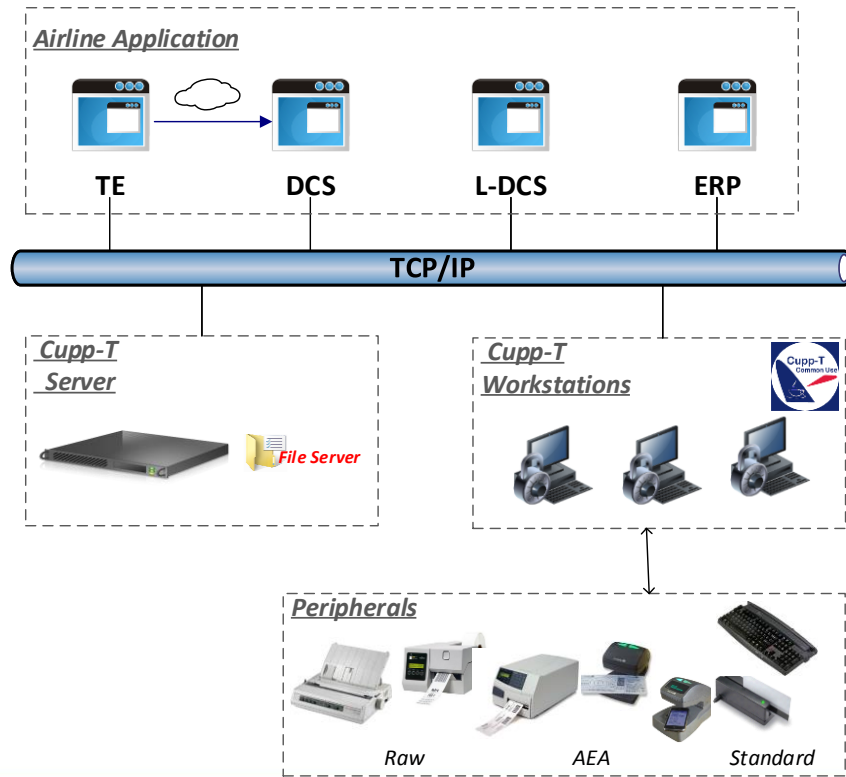- No overhead for software license renewal

an Airline's cup of tea…

- Host CUPPS application with no modifications required
- Quick application deployment
- Multiple applications for an airline
- High availability
- Easy to administer
- Simple to Use
- Development costs and time savings
- Application testing services remotely
- L-DCS for low cost airlines

Works – Abidjan Airport

Cupp-T High-level Schema

Airline Application

| TE | DCS | L-DCS | ERP |

TCP/IP

Cupp-T Server

File Server

Cupp-T Workstations

Peripherals

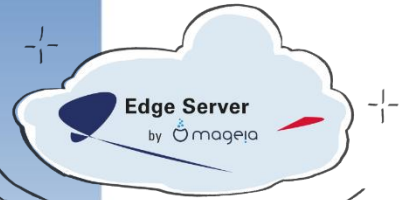*Raw*   *AEA*   *Standard*

Host system(s) communicate to the airline application using a mutually supported communications protocol.

The architecture and functionality of the airline back-end systems or airline application are not defined by CUPPS.

Connectivity can be established using VPN, remote Web or gateway servers, depending on the host requirements.

Edge Server

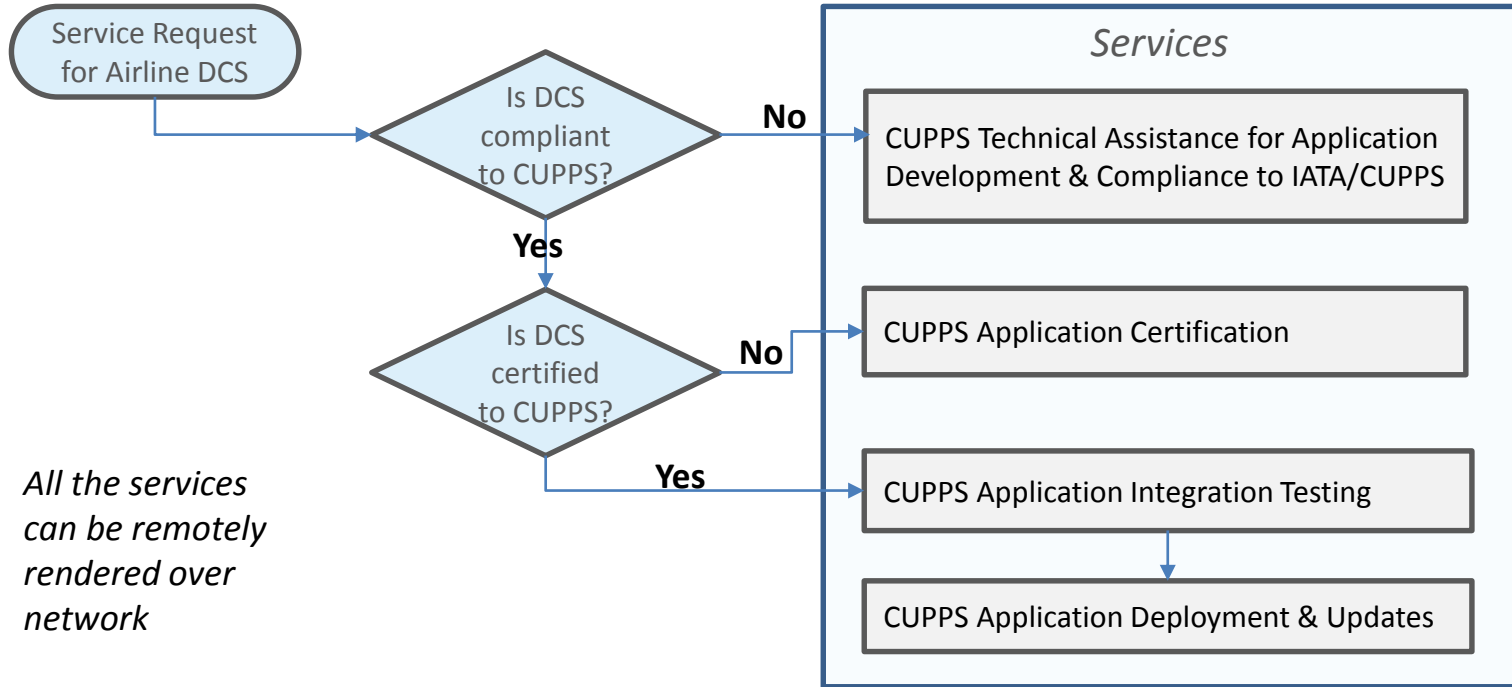**Edge-airport** offers a wide range of servers with configuration depending on the operating environment, from simple box to Cluster High Availability (HA) servers for sensitive environments. Optimized and Secure, it supports the functioning of all applications of Airport Manager and offers a robust virtualization base.

The Edge Server can also be fully virtualized if the airport has necessary infrastructure.

Workstations

Edge-airport provides workstations meeting CUPPS standard as defined by IATA/CUPPS, these stations can be equipped with backup batteries that can keep them working during limited power outages.

Peripherals

Edge-airport provides devices by various models/vendors as specified by IATA CUPPS with **No proprietary firmware**.

Cupp-T Services for Airline Application

Cupp-T
Common Use

Service Request for Airline DCS

Is DCS compliant to CUPPS? — **No** →

Yes

Is DCS certified to CUPPS? — **No** →

Yes →

All the services can be remotely rendered over network

Services

CUPPS Technical Assistance for Application Development & Compliance to IATA/CUPPS

CUPPS Application Certification

CUPPS Application Integration Testing

CUPPS Application Deployment & Updates

French Clients

Airport Manager solutions are installed throughout in France, varying from small, individual set-ups to large installations.

French Clients Map
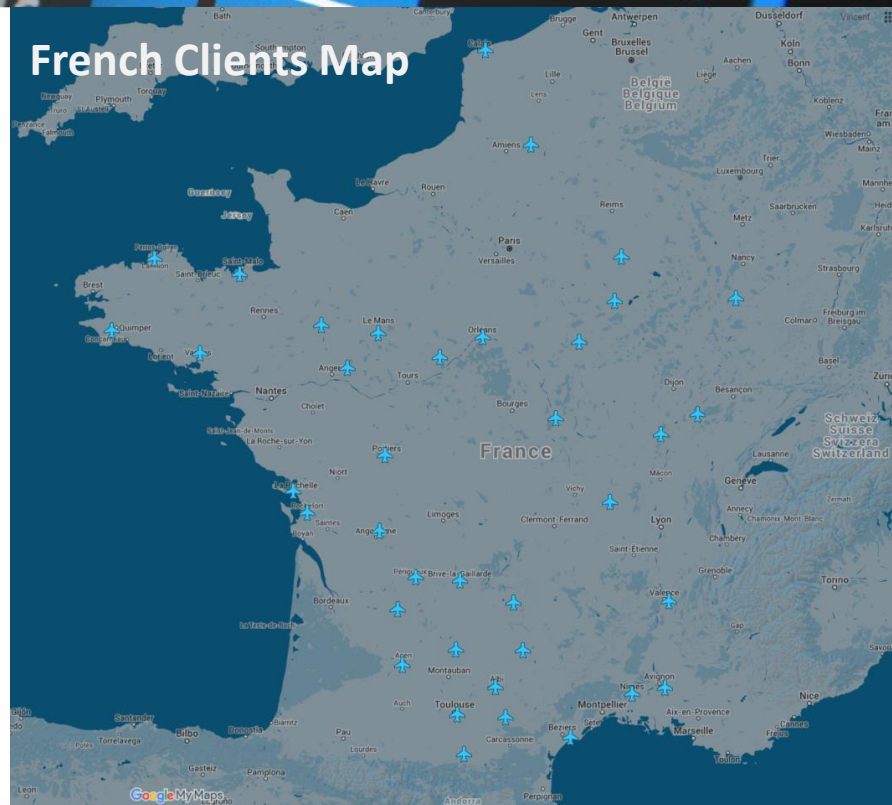
International Clients

Our first International victory was Abidjan airport, and since then we have maintained a strong partnership for over 20 years now. Every year we continue to build new relationships with new airports.

Global Clients Map
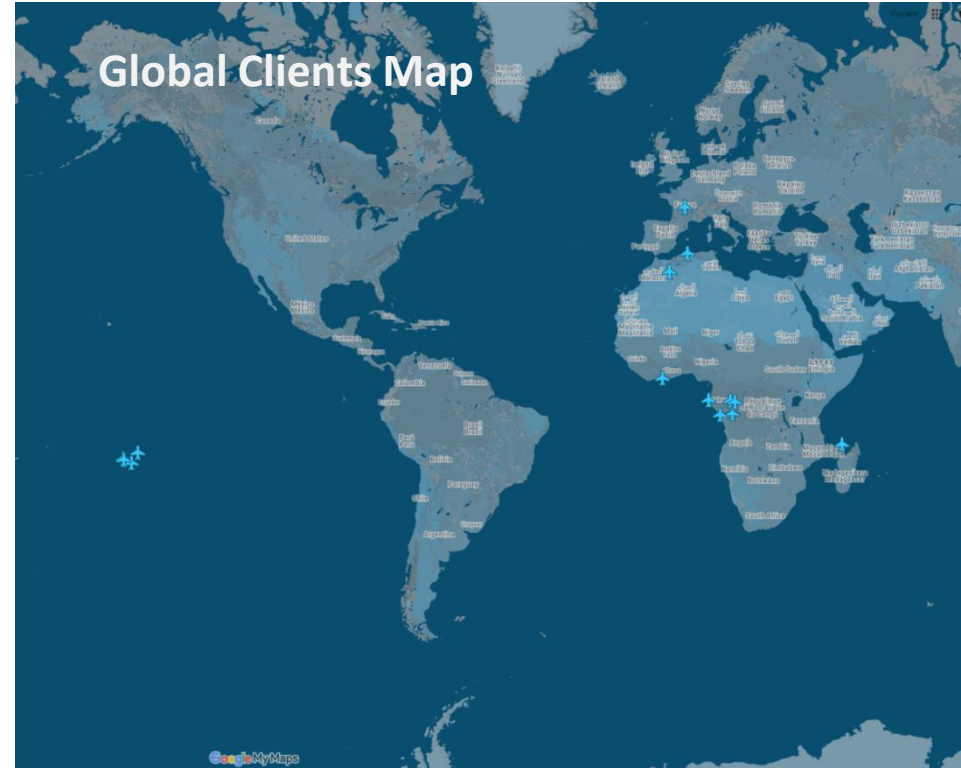
Objectives

- **Client First:** Enhancing the customers experience remains a key priority.
- **Listen :** We offers our clients a large choice of systems to suit their needs and their budget.
- Ensure **Freedom of Choice** for the client in his choice of hardware and peripherals.
- **Consulting** services to deploy **latest technology.**
- **Custom development** to meet client specific requirements.
- **The Respect of our Commitments.**

Client First
Cost Effective
Global Reach
Expertise
Ethics
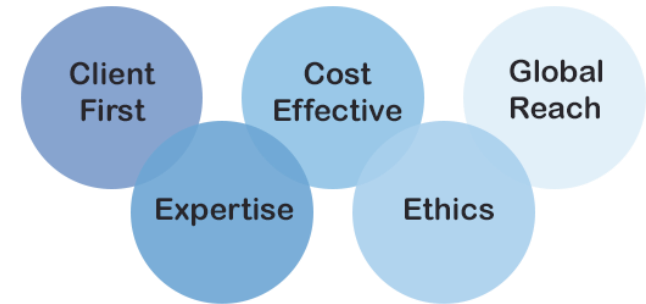
Don't hesitate to contact us for ANY project – we are the leading «Edge» in the field of airport handling!

Thank you

Edge Airport

Airport Manager Solutions

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