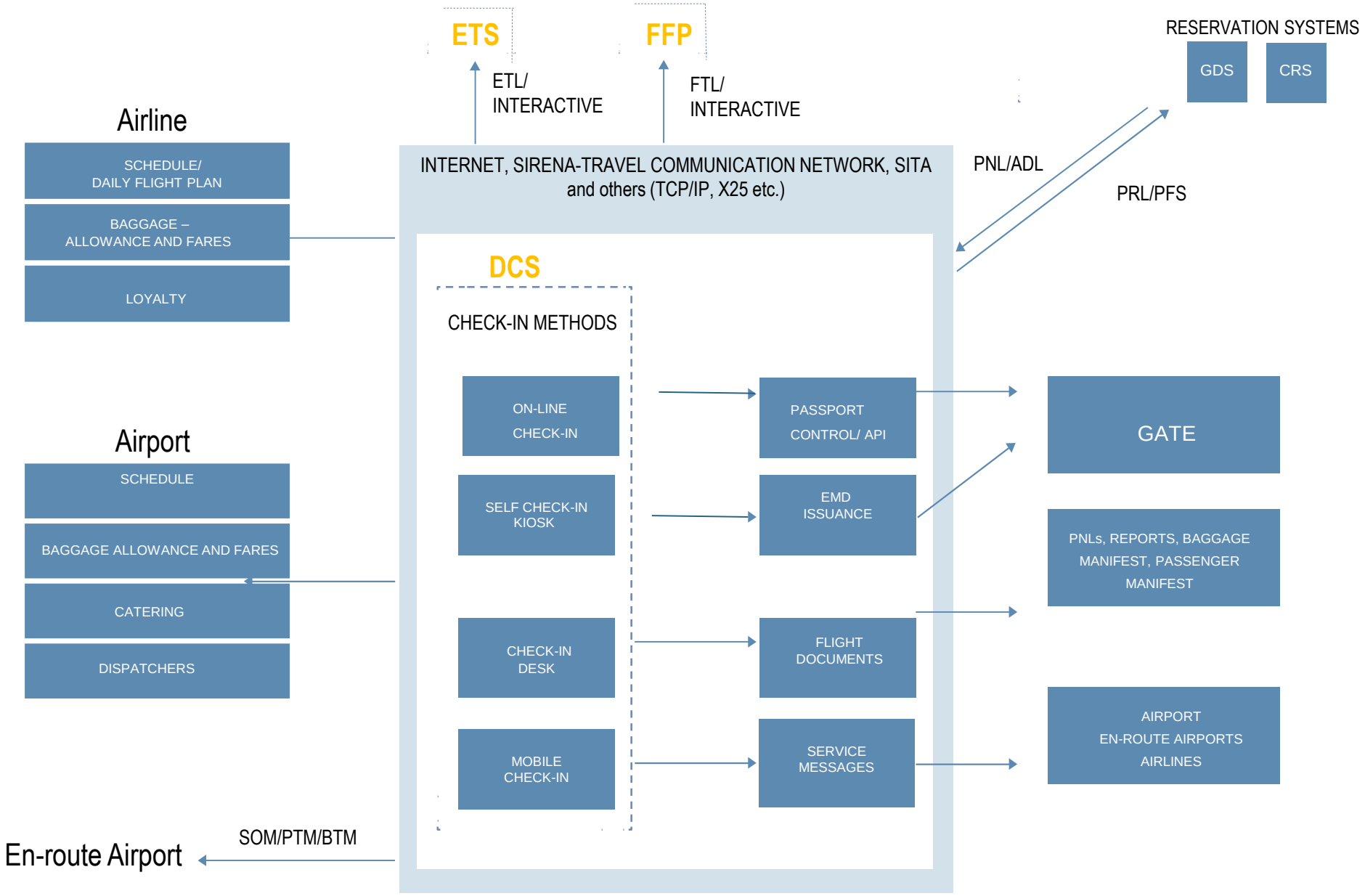
IT services
sirena
travel

Passenger Service System.
DCS ASTRA

DCS ASTRA: FACTS & FIGURES

- DCS Astra is installed in more than 270 airports
- 20-25 sec for complete passenger and baggage check-in procedure
- APIS support in Russia, Europe (Czech Republic, Spain, Lithuania, Italy, Latvia, Estonia), Asia (China, UAE, India) and the USA
- Full conformity with IATA standards and recommendations
- Links to software systems and AODB used by airport services
- Connectivity with baggage sorting systems
- Wedges automated connectivity support
- Web check-in and kiosk self service application both for airlines and airports
- 5 CUTE platforms support (SITA CUTE, ULTRA CUSE, ARNIC iMUSE/vMUSE, RESA CREWS, AIRIT EASE) and 2 CUSS platforms (SITA, IER)
- Drop off supported
- APP/AQQ system interactive work organization

DCS ASTRA: FLOW CHART



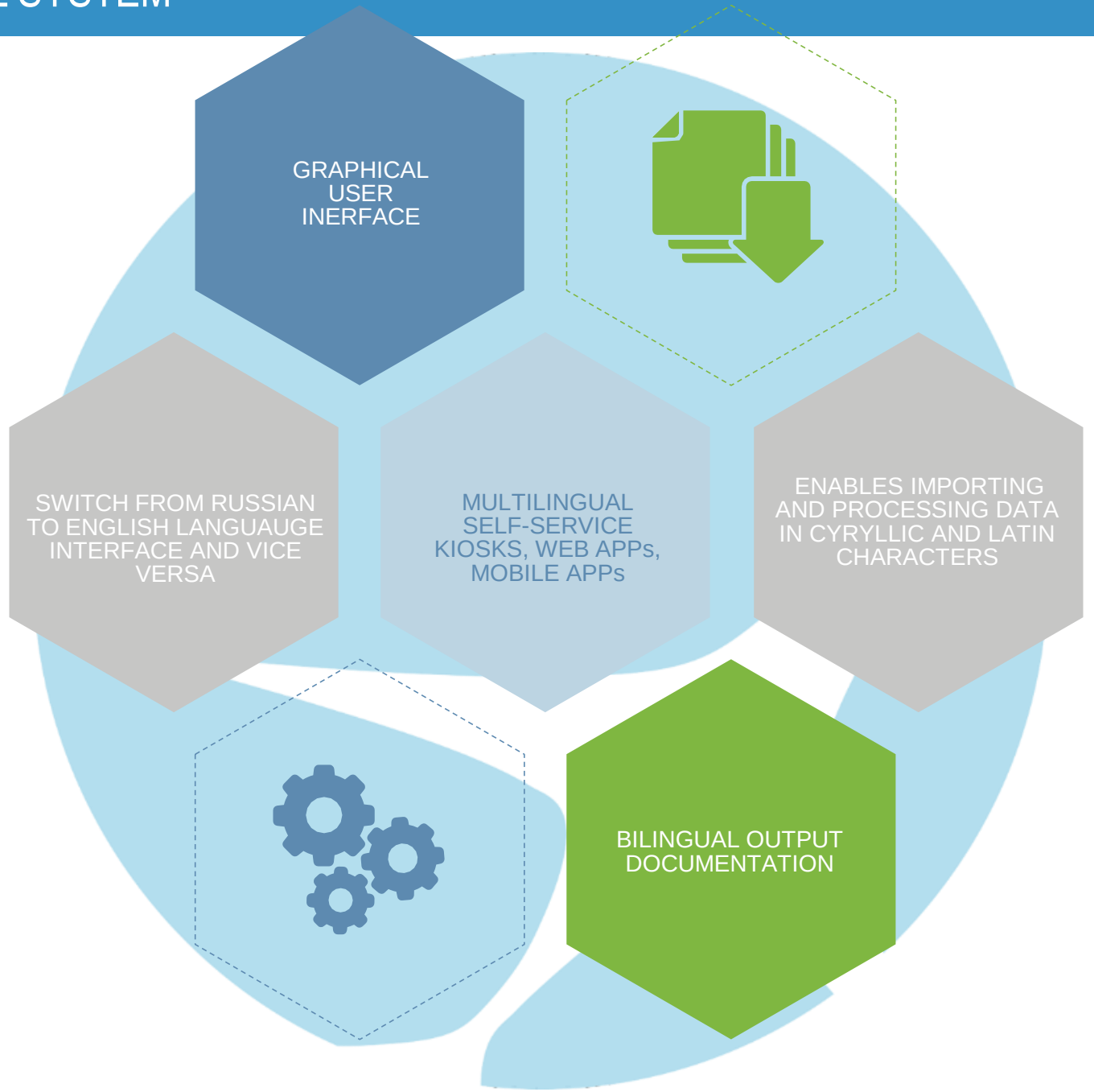
DCS ASTRA: ESSENTIAL FEATURES

DCS Astra is a leading-edge host system, ensuring all the required passenger and baggage check-in process operations in automated mode, seasonal schedule management and daily flight plan operation monitoring.

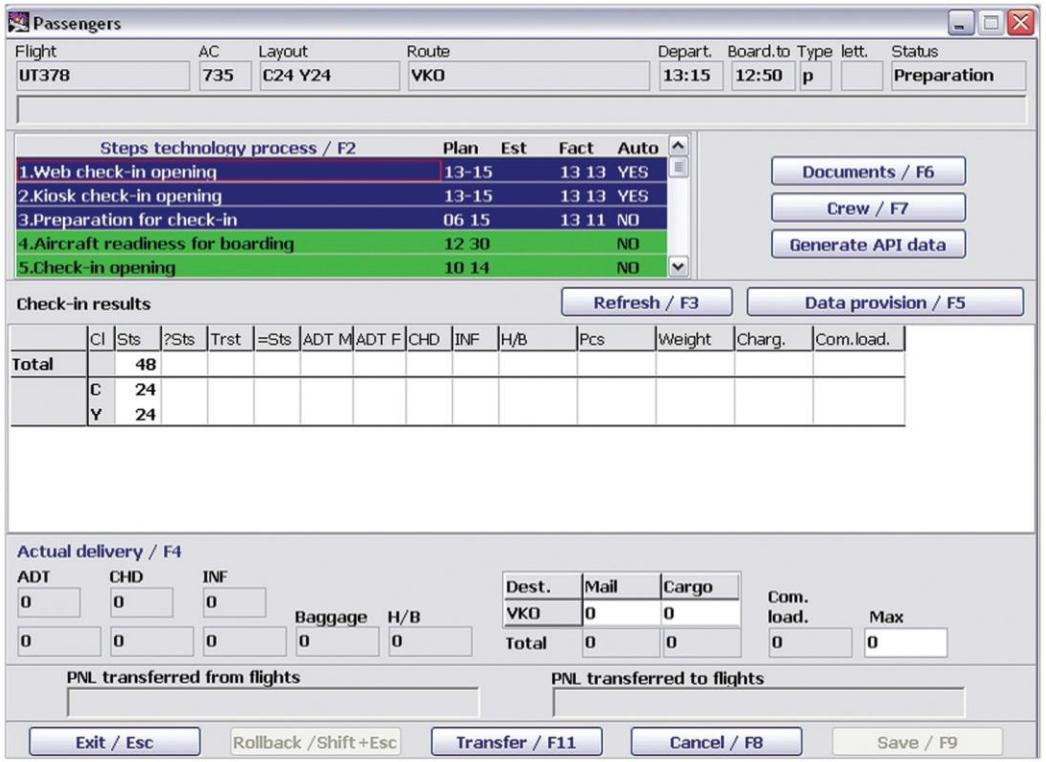
The system has been developed in full conformity with IATA standards and recommendations and has the following essential features:

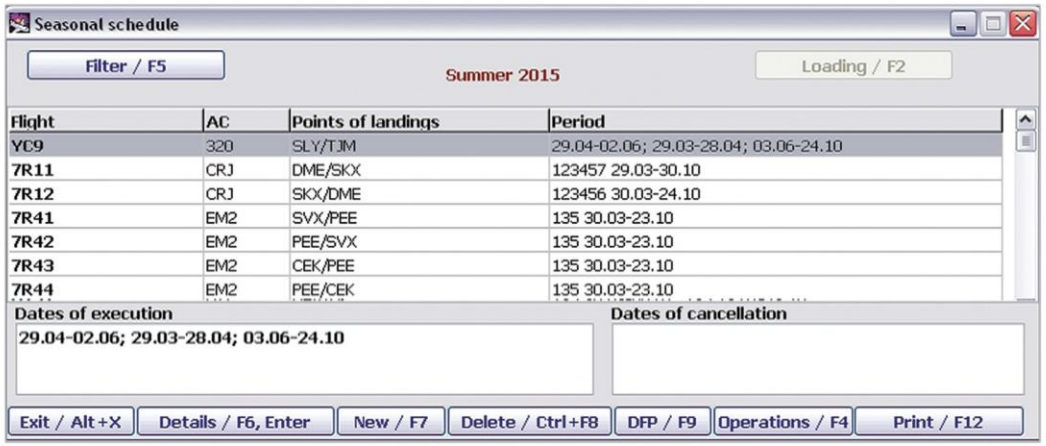
- Seasonal schedule and daily flight plan maintenance
- Carriage control
- Passenger check-in including automated seat assigning, boarding pass issuance and scanning
- E-ticket online confirmation
- Baggage handling along with baggage tag issuance and scanning
- Mobile check-in support
- EMD support with C-Baggage service code
- Configuration and printing of flight documentation

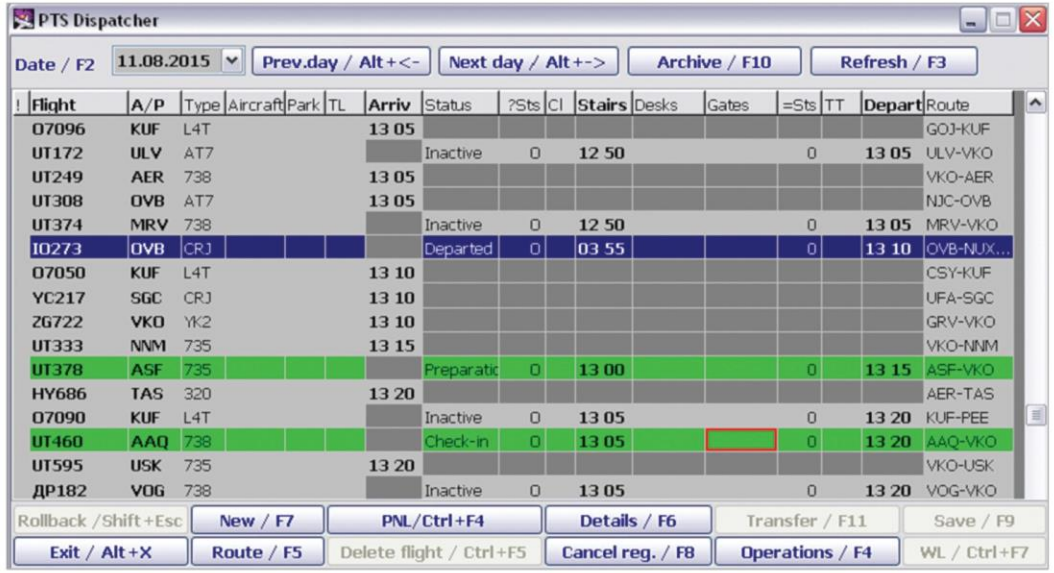
DCS ASTRA: MULTILIGUAL SYSTEM



DCS ASTRA: MULTILINGUAL SYSTEM

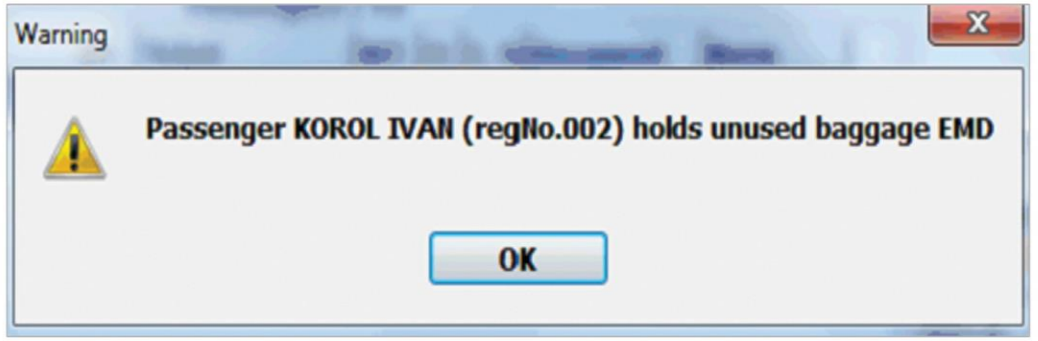






DCS ASTRA: EMD

- EMD under C-Baggage code is issued for piece concept only
- Fare information source is STC and Statistics and ATPCO
- EMD is issued through Sirena-Travel terminals
- EMD association with ET makes change in a coupon
- Baggage can be associated with EMD issued in advance
- Developing feature enabling ancillary services sale entered in EMD
- Ancillary services sale upon WEB check-in



DCS ASTRA: PTS DISPATCHER

PTS Dispatcher works with DCS Astra through functional module “Carriages” which includes the main display “PTS dispatcher” containing daily flight plan

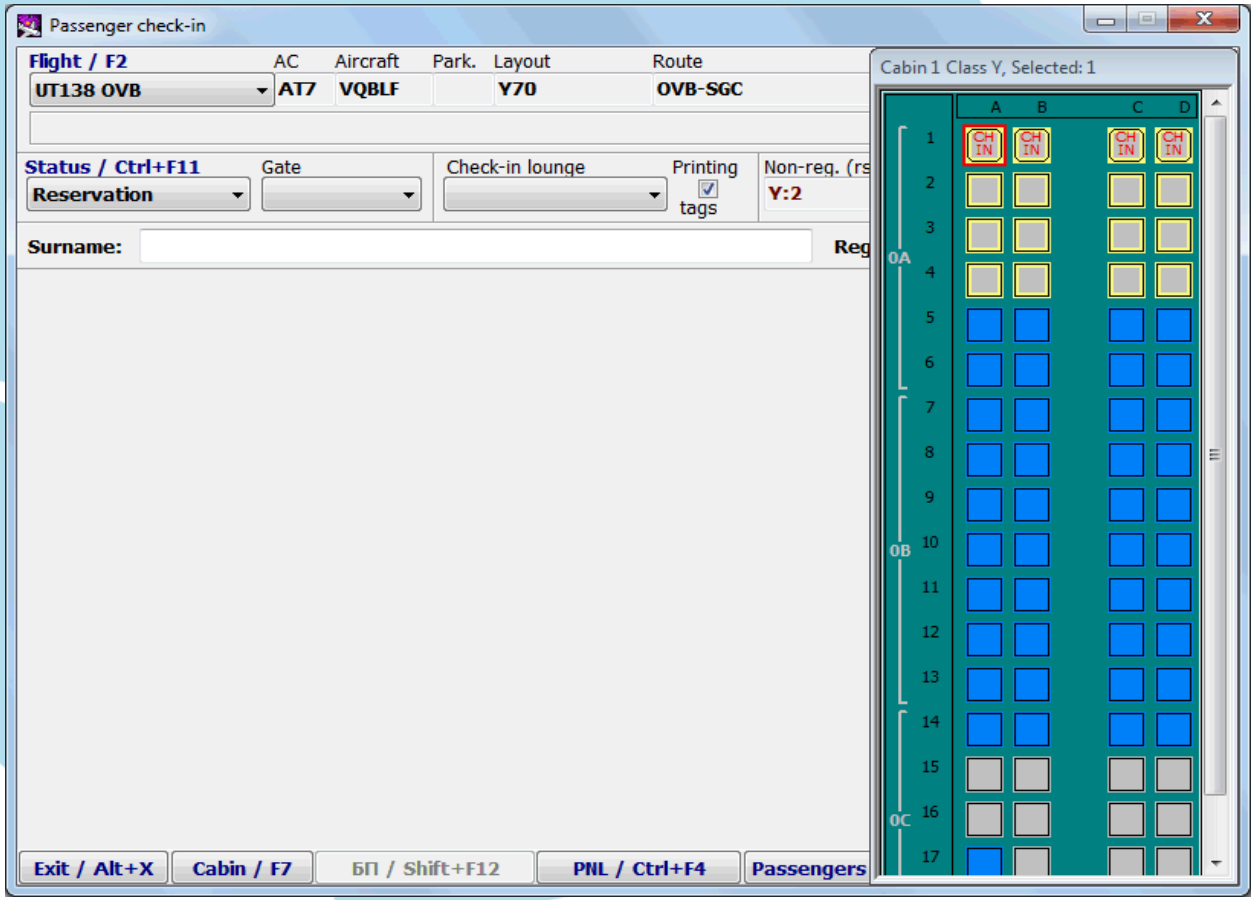
- Manual flight status change, if required
- Check-in desks allocation
- Operation schedule of aircraft preparation for departure time correction, if required
- In case of flights combination or LOPA change, passenger re-accommodation from different classes or flights
- Check-in progress monitoring: number of checked and boarded passengers and number and weight of baggage and carry-on baggage
- Freight and mail data import
- Commercial load monitoring (free space available)
- PNL display, preliminary seat assigning, if required (detailed in the “General Requirements”)

DCS ASTRA: CHECK-IN WINDOW

"**CHECK-IN**" Module is designed for passenger and baggage check-in

While working with the system functions of a Check-in agent include:

- Passenger and baggage check-in
- Seat assigning and re-accommodation
- Rush baggage check-in
- Flight documentation printing out

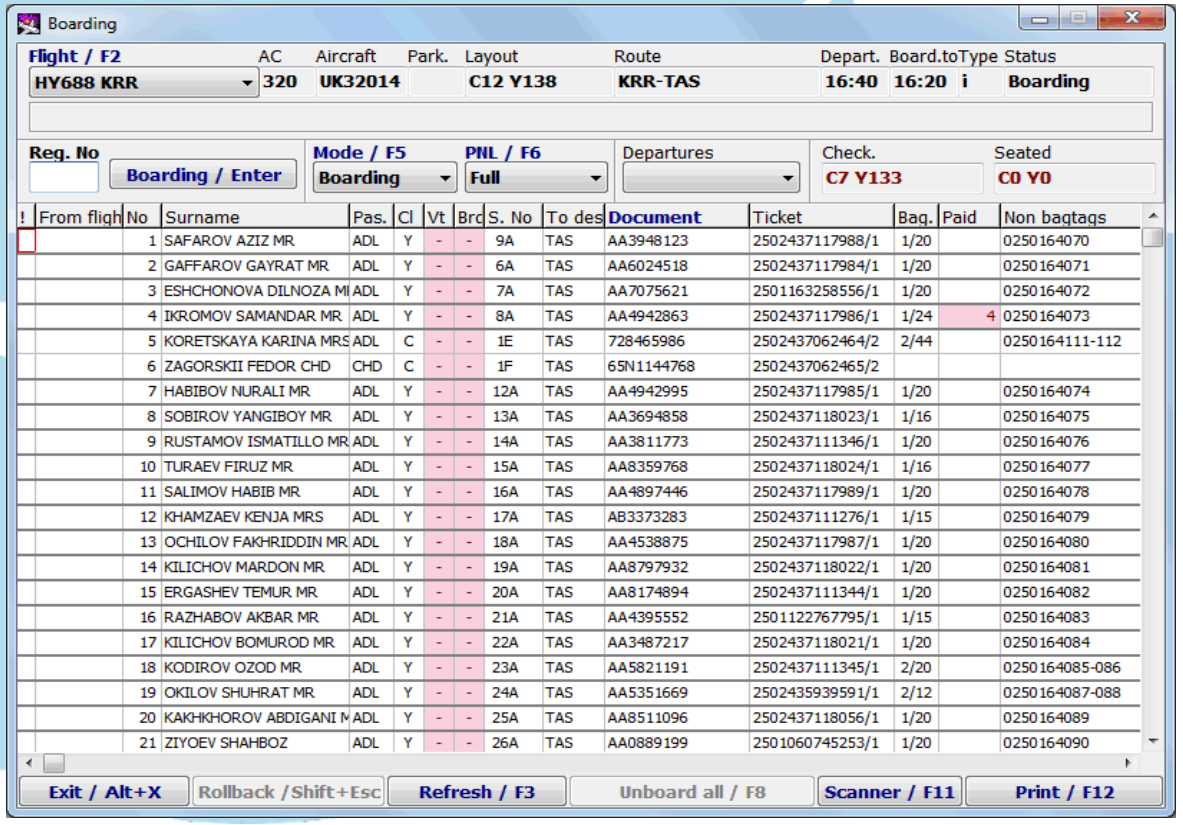


DCS ASTRA: BOARDING WINDOW

"**BOARDING**" module is designed for Boarding Agent.

While working with the system the functions of an agent include:

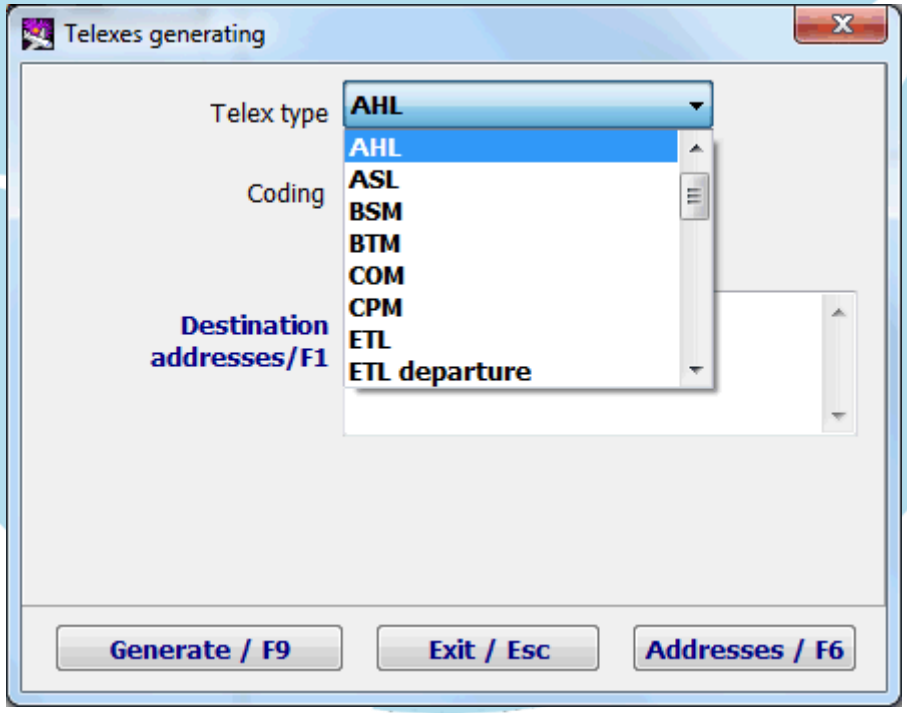
- Boarding and disembarkation passengers by registration number showed in a coupon or using scanner
- Passenger boarding monitoring based on counters (number of checked and boarded passengers)
- Identification of no-show passengers for timely baggage unloading from a flight
- Number and weight of carry-on baggage monitoring upon boarding
- Excess and paid baggage payment monitoring
- Disembarkation of all passengers, if required



DCS ASTRA: TELEXES\APIS

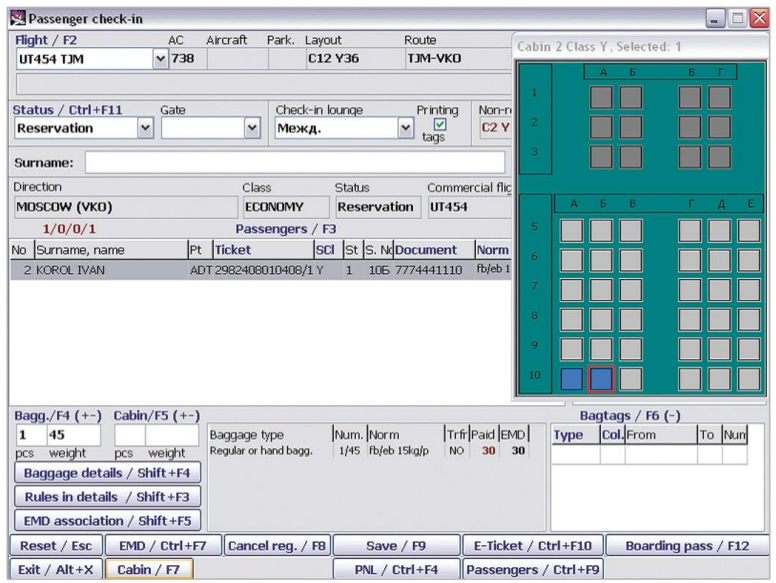
DCS ASTRA supports all types of standard messages:

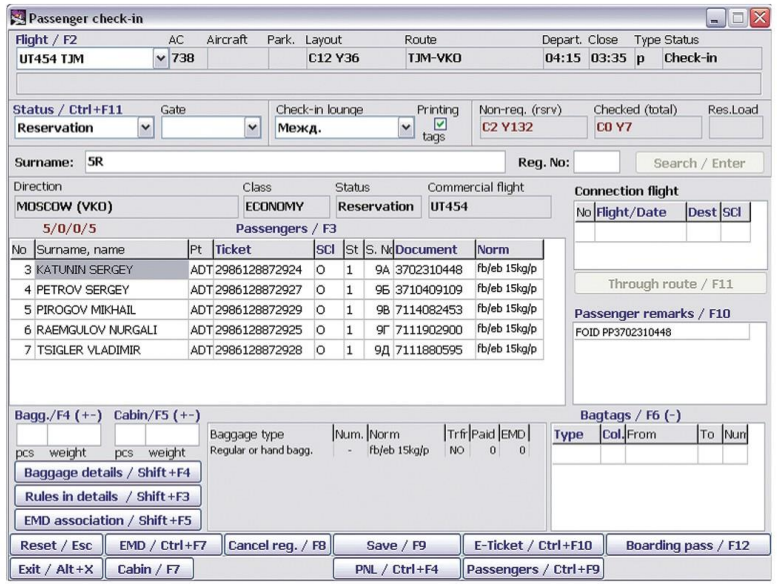
- AHL, ASL, BSM, BTM, COM, CPM, ETL, FTL, LDM, MVT, PFS, PIL, PIM, PRL, PSM, SOM, TPM
- APIS messaging in Russia, Europe, Asia and USA
- Interactive operation with APP\AQQ systems
- API messaging under requirements, rules and format of receiving country



DCS ASTRA ENSURES

- Check-in process unification at all check-in counters
- All check-in methods management unification (including online, self-service kiosks)
- Automated control over operation schedule stages
- Production operations monitoring
- Dynamic monitoring of commercial payload
- Statistics on carried passengers and baggage including self-service
- Long-term data archive





DCS ASTRA: CONNECTIVITY WITH GENERAL ACCESS PLATFORMS AND OTHER SYSTEMS

DCS ASTRA INTEGRATES WITH OTHER AUTOMATED SYSTEMS

- Weight and balance
- Passenger information system at airport
- MIA Magistral
- Baggage sorting system
- Financial information processing system (SOFI)
- APIS system
- Other airport automated systems

DCS ASTRA IS CERTIFIED TO WORK UNDER THE FOLLOWING PLATFORMS:

- SITA CUTE\CUSS
- iMUSE\vMUSE
- RESA
- EASE
- AirIT

DCS ASTRA: WEB-APPLICATION

FOR ONLINE CHECK-IN WEB-APPLICATION DCS ASTRA PROVIDES FOR

CHECK-IN DATA ENTRY

- Passenger and flight data entry for authorization
- Verification data entry

CHECK-IN

- Passenger
- Group of passengers
- With seat preference
- Without seat preference
- Through check-in
- Boarding pass print-out in A4 format

DCS ASTRA SELF-SERVICE KIOSKS APLLICATION

OUR SOLUTION EXCELS IN:

- Easy configuration of separate features
- Attractive design of interface
- Entertaining elements
- Seat map display
- System of context prompts
- Flexible architecture intending further development

DCS ASTRA: PERFECT CHOICE

- ✓ Reliable and easy in operation
- ✓ Price equals quality
- ✓ Graphical user interface
- ✓ National language support (upon request)
- ✓ No strict requirements to communication channels
- ✓ Any peripherals support
- ✓ Training – 2 days
- ✓ Code-share check-in
- ✓ Drop-off features
- ✓ Baggage EMD

IT services
sirena
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Thank you for your attention!

Address:
Sirena-Travel GMBH
49, Savignystrasse
Frankfurt-am-Main, Germany 60325
Phone: +49 69 74308764
E-mail: pss@leonardo.aero
Web-site: www.leonardo.aero

Address:
Sirena-Travel JSC
37, bld. 12 Leningradsky prospect
Moscow, Russia 125167
Phone:+7 495 7821315
E-mail: pss@leonardo.aero
Web-site: www.leonardo.aero