



SYSTEM SOLUTION

AVITECH - ENABLING ICAO ASBU STRATEGY

Upgrade your system hand in hand with the entire world creating the future global air navigation.

We strengthen our Block 0 solutions, get you ready for Block 1 and pave your way to Blocks 2 and 3.

Going Global Together

ICAO's Aviation System Block Upgrades long-term vision brings together States and stakeholders from every corner of the aviation community to develop a global solution and to provide state-of-the-art 21st century air navigation. The common target is a fully-harmonized global system built on modern performance-based procedures and technologies, capable of sustaining increased capacity and improved environmental efficiency by binding safety improvements and air navigation modernization. ASBU methodology is designed to be flexible and adaptive to each State, so that each can advance its air navigation capacities based on its specific operational requirements.

Avitech Solutions for your ASBU Implementation

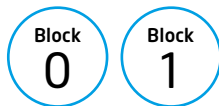
The steps forward set by the ASBU methodology imply a transition to new technologies and new navigation and operational concepts. All these upgrades are data driven operations. Avitech Solutions address exactly the most critical and important core of the strategy: diligent management of the data.

We supply top performing systems that allow you to securely store, manage and share information when and where it is required on a system-wide basis, with data being personalized, filtered and accessed as needed. Given such a strong basis, data can then be tailored to fulfil a more precise scope, from map generation and procedure design to other complex systems that allow enhanced situational awareness, systems interoperability and flexible use of airspace.

Avitech is aligned with ASBU Block 0 and 1 having already developed and implemented solutions in many parts of the world with the latest digital processing and management of information. Our solutions smooth the transition from AIS to AIM by using latest data exchange models such as AIXM for aeronautical information WXXM for meteorological information, FIXM for flight and flow information and Internet protocols in a fully compliant SWIM solution – all essential elements for global interoperability.

For our worldwide references please refer to www.avitech.aero/our-expertise/our-references

✓ ASBU-Compliance



2013 — 2019 — 2024

We develop solutions aligned with ASBU Strategy for every Performance Improvement Areas to achieve the safe, efficient and modern aviation of tomorrow.



Block 0 2013-2018

Airport Operations		
B0-APTA	Optimization of Approach Procedures including vertical guidance	Avitech AIM, Avitech ATM
B0-SURF	Safety and Efficiency of Surface Operations (A-SMGCS Level 1-2)	Avitech AIM
B0-ACDM	Improved Airport Operations through Airport-CDM	Avitech AIM, Avitech ATM, Avitech MET, Avitech MHS, Avitech SWIM
Globally Interoperable Systems and Data		
B0-FICE	Increased Interoperability, Efficiency and Capacity through Ground-Ground-Integration	Avitech ATM, Avitech SWIM
B0-DAIM	Service Improvement through Digital Aeronautical Information Management	Avitech AIM, Avitech SWIM
B0-AMET	Meteorological information supporting enhanced operational efficiency and safety	Avitech ATM, Avitech MET, Avitech SWIM
Efficient Flight Paths		
B0-CDO	Improved Flexibility and Efficiency in Descent Profiles (CDOs)	Avitech AIM, Avitech ATM
B0-CCO	Improved Flexibility and Efficiency in Departure Profiles - Continuous Climb Operations (CCOs)	Avitech AIM, Avitech ATM

Block 1 2019-2024

Airport Operations		
B1-APTA	Optimized Airport Accessibility	Avitech AIM, Avitech ATM
B1-SURF	Enhanced Safety and Efficiency of Surface Operations - SURF, SURF IA and Enhanced Vision Systems (EVS)	Avitech AIM
B1-ACDM	Optimized Airport Operations through Airport-CDM	Avitech AIM, Avitech ATM, Avitech MET, Avitech MHS, Avitech SWIM
B1-RATS	Remotely Operated Aerodrome Control	Avitech ATM
Globally Interoperable Systems and Data		
B1-FICE	Increased Interoperability, Efficiency and Capacity through FF-ICE, Step 1 application before Departure	Avitech ATM, Avitech SWIM
B1-DATM	Service Improvement through Integration of all Digital ATM Information	Avitech AIM, Avitech SWIM
B1-SWIM	Performance Improvement through the application of System Wide Information Management (SWIM)	Avitech SWIM
B1-AMET	Enhanced Operational Decisions through Integrated Meteorological Information (Planning and Near-Term Service)	Avitech MET, Avitech SWIM
Efficient Flight Paths		
B1-CDO	Improved Flexibility and Efficiency in Descent Profiles (CDOs) using VNAV	Avitech AIM, Avitech ATM
B1-RPAS	Initial Integration of Remotely Piloted Aircraft (RPA) Systems into non-segregated airspace	Avitech AIM, Avitech ATM, Avitech MET, Avitech SWIM

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