

PRODUCTS

- **ATC / ATM System CATT** - operational system for medium and regional airports, TWR - APP - ACC, RDP multitrack, FPDS, weather & airfield info, Safety Nets, flight monitoring, data recording & replay, Time Reference System & clock.
- **Integrated ATC Simulator CASS** - for civil & military, basic, on-the-job, radar & procedural training of air traffic controllers ACC - APP - TWR - PAR, multi-sector co-ordination. Contains embedded ATC / ATM system inside or can be as well attached to any other ATC / ATM system or operational working positions. Total control in space and time, recording & replay, digital voice comm, multiple work-groups, sensors emulation, ECM, multiple airspace library. Extensive configurability.
- **3D AERODROME TWR SIMULATOR** - for civil & military, with aircraft, vehicles, people, animals and aerodromes, lights, all weather and clouds, collisions, visual effects, weapons, free camera.
- **EVENT MONITOR** - independent airspace traffic monitoring & alerting system connective to any ATC system or simulator. Includes workload & performance monitor and logger, objective recording & replay.
- **INCA Profi** - autonomous flight plan based tool for simulator exercise design - scenario, events, weather, airspace, voice comm and ATC system properties. Flight pre-planning and pre-simulation, flights database with import of real traffic.
- **FIR MAPPER** - airspace topology database & videomaps editor.
- **BADA editor** - EUROCONTROL compliant aircraft performances editor.
- **TRAINING MANAGEMENT SYSTEM** - ecosystem for instructors to plan, measure and monitor the training and performance.
- **ATIS** - based on voice synthesis, prepares and transmits local weather and other information to pilots.
- **VCCS** - VoIP voice communication system based on fully digital multimedia technologies.
- **Voice Recognition & Speech Synthesis** with stress recognition.
- **Time Reference System** with LED clocks.
- **Recording & Replay System** audio, surveillance data, flight data, meteo, fully time synchronised.
- **FIDS** - Flight Information Display System for airports: time schedule and daily planning. arrivals/ departures, check-in/ gate/ baggage displays.
- **JETSERVER** - event driven real-time database of flights with data fusion: ATC radar & flight data, SITA messages, airport database and input from apron management staff. Bi-directional bridge between ATC and airport.
- **AXIS** - reception & decoding of SITA messages.
- **AMIS** - modified radar data display for apron management.
- **FLIGHT DISPLAY** - display of integrated / fused ICAO and IATA flight data.
- **IRIS** - intranet based integrated / fused data distribution.
- **D-NOTAM** - digital NOTAM database and export fro pilots.

TECHNOLOGIES

PC x86 industrial
Linux, X Window System
GNU C, C++, Java
VoIP
voice recognition
speech synthesis
PHP, Python, Perl, HTML, XML
SQL standard (Oracle, Postgress)
Corba - data communication layer
intranet - network distributed systems

CONTACT INFO

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ARTISYS supplies a family of aviation products with open system concept. mutually interoperable and complementary in functionality. allowing data exchange and coordinated operation. See and feel, from reality to simulation - from simulation to reality, always having full control of the mission.

ARTISYS is s choice for aviation professionals with fresh thinking and conceptual approach to realise future visions, innovative in design ans well grounded in new technologies.

ARTISYS as a compact open minded team has well controlled technological strategy, clean structured solutions and flexibility to respond to user's requirements in the field. Experienced in translation of the operational requirements into technical solutions, in the air traffic control and airport environment.

ARTISYS provides services related to the whole life of the designed system, from the system specification through realisation, installation and training, service & maintenance, support in system upgrades and extensions according to the further needs and recent technical development. Service package includes embedded diagnostics, high availability solutions with operational safety protection and secure remote service access.

Certification:

ISO CSN 9001:2009
Civil Aviation Authority certified supplier of Ground Aviation Equipment



- ATC / ATM solutions
- ATC / ATM training and simulation
- Airspace Monitoring and Alerts
- Safety Nets
- Airspace Design & Evaluation
- Airspace Incidents & Accidents Investigation
- ATC Research
- Airport Information Systems
- D-NOTAM
- Voice Communications System
- Recording & Replay System
- Time Reference System



modular is *cool* . . . and practical

all components have native interfaces and are interoperable with products from other manufacturers

