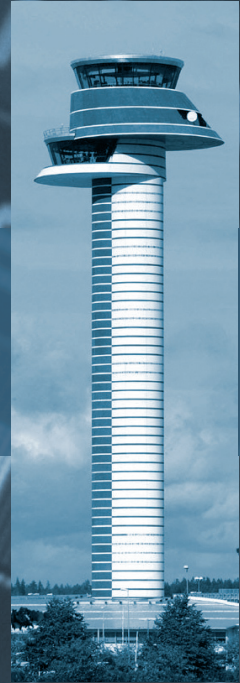


ATM competence for a changing world



**COMBITECH**



# Unique ATM competence

We live in a world of constant change. This is especially noticeable in the Air Traffic Management area, where changes affect everything from individuals to regulations, technology and, of course, the complex ATM systems.

At Combitech, we are able to meet today's and tomorrow's requirements for changes with pertaining needs for cooperation, development, integration, testing validation, safety and security – a competence that is based on hundreds of man-years of experience within ATM.

## OUR AIR TRAFFIC MANAGEMENT CONSULTANTS ARE SPECIALIZED WITHIN THE FOLLOWING AREAS:

- Project management
- Configuration management
- Acquisition
- Procurement and tenders
- Logistics support
- Technical consultancy services
- Systems Design and Development
- Systems Integration
- Simulation and Prototyping
- Implementation, Verification and Testing
- Process and method development
- System Safety
- Information Security
- Systems Validation
- Documentation and Training



## Our consultant policy – a guarantee for integrity

### OBJECTIVITY AND INDEPENDENCE

Our consultant policy states that our consultancy services shall be conducted in such a way that Combitech always guarantees objectivity in factual matters and assignments as well as loyalty towards the customer. Moreover, to operate independently of every other supplier of systems, products and services.

### ETHICS

Our consultants are trained in the ethical regulations that apply to the role of the consultant. The regulations state that the consultants shall build their advice and other results for the customer on an objective and professional basis. It is also a requirement that the information we handle for our customers shall be entirely secure in our hands and not be used or distributed in any other way than for its purpose in the completion of an assignment. If requested by a customer, secrecy agreements are signed. Individual consultants can, if required, also sign personal secrecy agreements.

Another important ethical regulation is to always fulfill our agreements with the customers – everything from the mutual promise to the delivery on time with the right quality.

## The capacity for a total obligation

In order to always be able to offer our customers a total obligation, high capacity and services within all ATM areas, we have established collaboration with ATM companies, e.g. Swedavia and Eltel Networks..

### OUR CUSTOMERS

Our customers are professional, with high demands on integrity, knowledge, creativity and a comprehensive view. We are often engaged in projects with flight-safety-critical systems, in analyses of flight safety influence, or in work with regulations that shall guarantee flight safety – projects where there are no room for mistakes.

Our customers can be found among aviation organizations and authorities such as Avinor, EUROCONTROL, LFV (the Swedish Civil Aviation Administration), Naviar, the Norwegian Defence Material Administration, the Swedish Air Force, the Swedish Defence Material Administration and others.

### NO PROJECTS ARE TOO SMALL OR TOO BIG FOR US

Our projects are often obligations during longer time periods, where our customers frequently add new tasks within the project or in adjacent projects. We are also engaged in shorter projects, for example in order to strengthen a customer's organization.

Some examples of established and recently established projects that give a view of our services, include;

EUROCONTROL – OATA project (Overall ATM/CNS Target Architecture Project).

Development of the OATA validation methodology for the assessments of the:

- Model compliance with the operational concept
- Architecture structure
- Incorporation of non- functional requirements in the model
- Feasibility of implementation assumptions

EUROCONTROL – CCAMS project (Centralised Code Assignment Management System ).

Production of the safety plan, detailed safety argument structure, functional hazard assessment and safety guidance material for the states which will join the project.

EUROCONTROL – ASEP project (Airborne Separation). Validation of the operational concept regarding airborne separation using advanced real-time simulations. Combitech is responsible for the validation planning and support, safety analysis and reporting. LFV is responsible for the execution of simulations at Malmö/Sturup Airport.

LFV; MATS project (Modernization of ATS in Sweden), Combitech has for many years been contracted for the integration of this programme. Combitech have performed commissioning plans, verification & validation, LCC calculations, risk management, safety analysis, technical training and technical documentation.

FMV; Stric project (Command & Control system for the Armed Forces in Sweden). Combitech has for many years been contracted for system integration, validation, safety analysis, LCC calculations, technical training and technical documentation.

Avinor; NATCON (Norwegian Air Traffic Control System) Integration test and system level test, training planning and training conduct, update of procedures and regulations.

Naviar; NUAC (Nordic Upper Area Control Centre Project) General agreement for the ATM management part.



## COMBITECH – THE INDEPENDENT CONSULTANCY COMPANY WITHIN SAAB

Combitech is an independent consultancy company in the Saab Group.

We are currently over 800 consultants throughout Sweden. Combitech can be found in 20 locations in Sweden and also in Brussels, Hamburg and Toulouse.

Our business areas for consultancy services are air traffic management systems, command and control systems, civil security, defence industry, system safety, information security and information technology (IT/ Telecom).

One of the core operations is consultancy services for civil and military aviation and for airport organizations.

We help our customers with pre-studies, analyses, systems safety, design and development, process support, verification, validation and testing. We provide technical support and we lead entire projects.

Basically, everything we do is about knowledge.

### CERTIFICATES:

- ISO 9001  
*Quality Management Systems*
- ISO 9000-3  
*Development, Supply & Maintenance of Software*
- ISO 14001  
*Environmental Management System*
- EN ISO 15408  
*Information Security, Common Criteria Licence*
- ISTQB  
*Verifying and testing of software*
- BCL-FT-2.3  
*Approval of organisation for maintenance of technical equipment for ATS (based on ESARR5)*

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