

Detailed Understanding of ATM/CNS Systems

To be able to operate with a high level of safety and efficiency, an organisation needs to ensure that the systems in place are used in the most efficient way. Ensuring safe and expandable operations is the main objective in today's competitive environment. Therefore, there is a need for innovative, cost-effective and flexible solutions.

YOUR CHALLENGES

As most of the organisations are very effective in managing the day-to-day operations, it can be a challenge to initiate and/or successfully complete a system replacement. To identify and manage all internal and external requirements and use those in a procurement process identifying the system that fits the purpose is a complex task. Quite often the internal company resources will be unable to manage all required tasks and steps.

Once the procurement process has been successfully completed, the introduction and integration of the system will be important to enable a successful operation in the future.

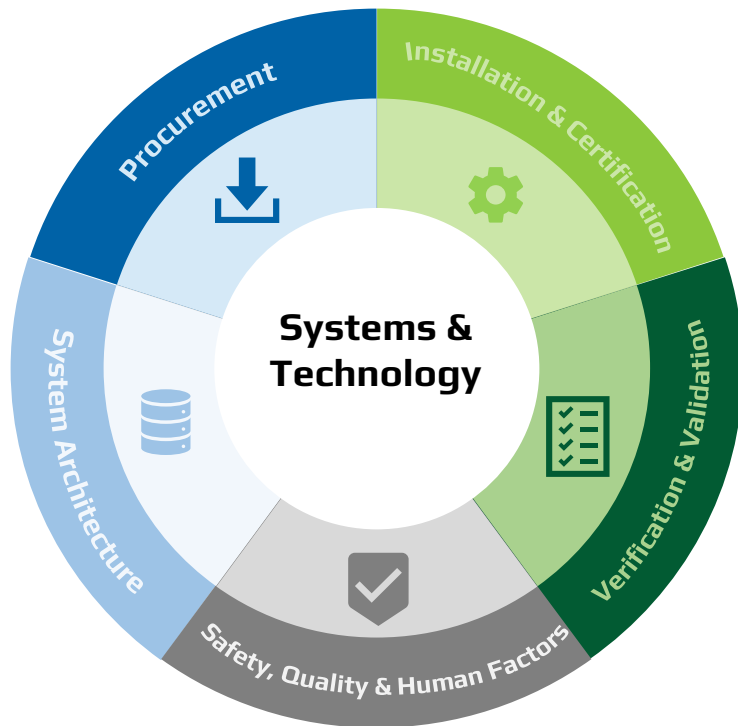
OUR BACKGROUND

We have experience with procurement of many different types of systems and have worked for various international customers around the world. Besides the actual preparation of the procurement and the procurement process itself, we offer a strong background in system implementation and update of related processes.

OUR APPROACH

All our services are tailored to the individual customer and their specific environment and are based on standard concepts and methods to ensure conformance. These methods are well-proven and lead to cost-effective solutions for our customers. Our solutions meet the highest international standards regarding safety, applicability and quality.

- We are committed to long-term relationships with our customers
- We are experienced in managing unexpected changes during all stages of the project
- We believe in the lessons learned philosophy and ensure that our experts are well trained and have the right level of competencies for any project assignment



Project References

European Commission/SESARJU

Participation in SESAR solutions related to, among others, virtual centre concepts, enhanced runway throughput, enhanced arrivals and departures, airport safety nets.

International Organisations

Network Manager.

FAB CE project support in technical aspects.

Airports and ANSPs

For regional and major airports: Specifying, designing and implementing A-SMGs, Surveillance Systems (SMR, MLAT, etc.), NAVAIDS, Lighting Systems, Technical Control and Monitoring.

For ANSPs: Specifying, designing and implementing ATM/CNS systems, Remote TWRs, etc.

Airports & ANSPs: Implementing ATSEP training manuals and programmes. Support in establishing compliance with e.g. EU 139/2014.

Procurement

- Preparing and support of the procurement process
- Requirement specification

Installation & Certification

- Preparation of system installation
- System implementation
- Creation and update of related processes
- System certification

Verification & Validation

- Development of validation and verification scenarios
- Support in verification and validation of systems and related processes

Safety, Quality & Human Factors

- Safety assessments
- Quality & risk management
- Assessment of human performance and human factor issues

System Architecture

- Requirements management
- System interfaces
- System platforms
- System integration
- Technology & efficiency

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