

26732 - Principal Solution Engineer

Location: Braine-l'Alleud, Belgium.

Period: 80 (start on 10 Dec. 2026)

Deadline: 04 Nov. 2026

Duties/Roles:

- Leads the development of architectures for complex solutions ensuring consistency with agreed requirements;
- Establishes policies, principles and practices for the selection of solution architecture components;
- Manages trade-offs and balances functional, service quality and systems management requirements within a significant area of the organisation;
- Communicates proposed decisions to stakeholders;
- Coordinates and manages the target architecture across multiple projects or initiatives;
- Maintains a stable, viable architecture and ensures consistency of design and adherence to appropriate standards across multiple projects or initiatives.

Requirements definition and management

- Plans and drives scoping, requirements definition and prioritisation activities for large, complex initiatives;
- Selects, adopts and adapts appropriate requirements definition and management methods, tools and techniques;
- Contributes to the development of organisational methods and standards for requirements management;
- Obtains input from, and agreement to requirements from a diverse range of stakeholders;
- Negotiates with stakeholders to manage competing priorities and conflicts;
- Establishes requirements baselines;
- Ensures changes to requirements are investigated and managed.

Systems development management

- Sets policy and drives adherence to standards for systems development;
- Leads activities to make security and privacy integral to systems development;
- Identifies and manages the resources necessary for all stages of systems development projects;

- Ensures that technical, financial and quality targets are met.

Network design

- Produces, or approves network providers', network architectures, topologies and configuration databases for own area of responsibility;
- Specifies design parameters for network connectivity, capacity, speed, interfacing, security and access, in line with business requirements;
- Assesses network-related risks and specifies recovery routines and contingency procedures;
- Creates multiple design views to address the different stakeholders' concerns and to handle both functional and nonfunctional requirements.

Skills, Knowledge, Experience Required:

Mandatory:

Education:

- A Master's degree at a nationally recognised/certified University in a related discipline and 5 years post-related experience. Or a Bachelor's degree with 8 years post related experience.

Experience:

- Proven experience of managing teams of technical personnel;
- Knowledge of current and future Mobile Infrastructure (Deployable, Dispersible, Highly mobile CIS) technologies and trends;
- Experience with design and systems integration (e.g. AC Power distribution equipment, emergency AC Power generation and associated fuel storage, Uninterruptible Power Supply (UPS));
- Good understanding of current and future Wireless technologies and trends (to include SATCOM);
- Experience with Architecture modelling language(s) (UML, SysML, ArchiMate, etc.), preferably in the context of an Architecture Framework (NAFv4, TOGAF, DODAF, Zachman, etc.) and Models Based Systems Engineering (MBSE);
- Experience in applying quality assurance practices;
- Sound experience in development, implementation, fielding, testing and maintenance of modern communications equipment;

Training/Certifications:

- ITIL Foundation;

- PRINCE2 Foundation or equivalent Project Management Framework (e.g. PMP) certification;

Desirable:

- Knowledge and experience in applying the "NATO Architecture Framework, version 4";
- Knowledge and experience in the application of Federated Mission Networking (FMN) in service design;
- Prior experience of working in an international environment comprising both military and civilian elements;
- Knowledge of NATO responsibilities and organization, including ACO and ACT;
- PRINCE2 Practitioner or equivalent (e.g. PMP) certification;
- ArchiMate or TOGAF or equivalent certification.

Required Level of Security Clearance:

NATO SECRET.