Q3S S.P.R.L.

Rue de l'industrie 20 | 1400 Nivelles | BELGIUM
T. +32 (0)67 34 19 32 | M. +32 (0)476 46 70 79
info@q3s.com | ww.q3s.com

Q3S is an engineering company providing consultancy services to companies willing to master their operational, organizational and technological evolution.

Our main activities are:
- Safety-critical Systems and Products:
    - Architecture of safety critical systems and products
    - Engineering processes of Safety critical systems and products
    - Quality and Safety Management for safety critical systems and products
    - Software Verification & Validation
    - Safety studies and safety cases (risk analyses)
    - Independent Safety Assessment and Certification of Systems, Products and Software.
- Software Verification, Testing & Validation
- Requirement & Design Verification, Software code review, Software FMEA, Dynamic & Static Testing, Integration Testing, Validation Testing
- RAMS and Dependability Engineering for Systems and Products
- Analyses, studies & support in Reliability, Maintainability, Availability and Safety, Safety Case, Proof of Safety , Trade-off studies, Independent Safety Assessment
- Design Control & Management during Development phase
- Development process methodology, Functional Analysis, Quality Assurance, Safety Assurance, Requirement Management, Configuration Management, and Traceability
- Logistic and Maintenance
- Maintenance Policy Definition and Optimisation, Reliability-Centred Maintenance, Integrated Logistic Support, Life Cycle Cost

We are now also focusing on:
- UAV engineering, manufacturing and testing
    - State of the art knowledge of small UAVs (drones)
    - Knowledge of civil aviation rules and procedures (Design, manufacturing and assembly competences and capabilities related to R/C aircrafts (CAD/CAM, CNC)
    - On site testing capabilities (recognized RC Pilots) and facilities for Drone (In partnership with DGTA authorized Radio Controlled airplane field)

Our Clients
- ALSTOM, SIEMENS, BOMBARDIER, THALES,STIB, INFRABEL, TUCRAIL, SNCB
- CERTIFIER, BELGORAIL, KEMA, RAILCERT
- LOGIPLUS, FABRICOM, TRACTEBEL Development,
- Egnos (ESSP) , Septentrio