

## Job Title: System Administrator IO0115

Requisition ID **7479** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Business Operations - New Posting**

Fusion, the nuclear reaction that powers the sun and the stars, is a promising long-term option for a sustainable, non-carbon emitting global energy supply.

The ITER Organization (IO), based in the southern France, welcomes best talents who can together prepare the way to this new energy in a truly multi-cultural work environment.

We offer challenging assignments in a wide range of areas and encourage applications from candidates with all levels of experience. Applications from under-represented ITER Members' nations and women candidates are strongly encouraged, as IO strongly believes that a diversified, equitable, and inclusive workplace is crucial in solving one of the most complex scientific and engineering projects in the world today.

As the IO attracts and retains people coming from a vast array of different backgrounds and cultures, discrimination and exclusion cannot be tolerated. The IO believes it is our diverse perspectives and background that gives unique strength and value to the ITER mission, regardless of race, member nation, gender, religion, status, sexual orientation, or disability - all are welcome and respected at ITER.

ITER CARE Values (Collaboration / Accountability / Respect / Excellence):

We perform our work with care, we care for the well-being of colleagues, our families and ourselves, and we care about the health of the planet for generations to come. CARE drives our work and our behaviors at ITER.

To see why ITER is a great place to work, please look at this [video](#)

**Application Deadline:** 14/07/2024

**Department:** Science & Integration Department

**Division / Program:** Central Integration Division

**Section / Project:** Data Management Section

**Group:** IT Project Systems

**Job Family:** Project Support

**Job Role:** Functional Officer – 1

**Job Grade:** G5

**Language Requirements:** Fluent in English (written & spoken)

**Contract Duration:** Up to 5 years

### Overview

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**Do you have an interest in large scale IT systems supporting the largest fusion project in the world?**

Join our IT Project Systems group within the Central Integration Division, in charge of maintaining many critical engineering specialized software distributed across all members and used daily by thousands of engineers to build ITER.

As IT Engineering Systems Officer at the ITER Organization (IO) you will coordinate all Information Technology (IT) activities to support the administration of various specialized engineering systems composed of large commercial tools (CATIA/ENOVIA V5, DELMIA, 3DX, E3D, AVEVA Diagrams,

AutoCAD, SSD/SXP, SPO, SPMAT) and many surrounding IT components in use for development and maintenance work.

**Success in this role includes:**

- Manages IT engineering systems operations without service interruption and high level of performance;
- Coordinates efficiently the integration of engineering tools within the global IT architecture.

**Key Duties, Scope, and Level of Accountability**

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- **Coordinates IT activities and supports the operation, administration of engineering (CAD, PLM and construction) systems;**
- **Coordinates IT resources involved in the area and interfaces with the other IT teams primarily development, infrastructure, operations and security;**
- Manages administrative tasks such as monitoring, access security, automation, logging, job scheduling, performance review, customization deployment, etc.;
- Manages resolution of technical issues, ensuring they are identified, registered, and managed successfully to conclusion following standard IT process for service delivery (ITIL);
- Coordinates major systems upgrade with software integrators and vendors;
- Coordinates troubleshooting of software issues and acts as liaison with vendors to expedite implementation of fixes and updates;
- Coordinates all service management activities (including operations & support processes) for the domain;
- Contributes to software licenses management & optimization for all products in the domain;
- Collaborates with IO/DA Engineering teams and maintains collaboration schemes with all ITER partners;
- This position is on-call based, and crucial to maintaining continuous operations and ensuring the highest level of service for our stakeholders. This requires availability including day, evening, and night shifts, as well as weekends and holidays, depending upon project or team needs.

**Experience & Profile**

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- ***Demonstrated experience and technical competencies in:***
  - **Minimum**7 years' experience in similar domain and level of responsibility.
  - **Essential competencies and experience** required for success in the role:
    - Strong experience in administrating large IT engineering systems deployed on complex IT infrastructure;
    - Experience with Windows / Linux server administration, web application platforms and DevOps methods & tools;
    - Experience with coordinating IT experts and interacting with vendors.
    - Experience with IT operations including systems monitoring, support, deployment and customization;
    - Experience with IT management processes such as capacity management, request management, change management, asset, application and configuration management;
    - Collaborate: Ability to facilitate dialogue with a wide variety of contributors and stakeholders;
    - Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;
    - Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;
    - Manage Complexity: Ability to analyze multiple and diverse sources of information to understand/define problems accurately before moving to proposals;
    - Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.
  - **Advantageous competencies and experience:**

- Experience with administrating Dassault Systems solutions (CATIA/ENOVIA V5, 3DX) and AVEVA (E3D, Diagrams, Engineering);
  - Experience with Cloud based deployment and management;
  - SQL Server/Oracle database administration experience.
- **Education:**
    - **Essential:** Bachelor degree or equivalent in computing or another IT-relevant field;
    - **Advantageous:** Certifications by software vendors Dassault Systèmes, AVEVA, Microsoft; and in IT service management, project management would be advantageous ;
    - *The required education degree(s) may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains.*
  - **Language requirements:**
    - Fluent in English (written and spoken).

*The following items apply to all jobs and job holders for the duration of tenure at ITER Organization:*

- **The CARE Values are a framework of principles that guide our actions and define the culture and spirit of the ITER Project:**

**Collaboration:** We collaborate with commitment and flexibility using the power of teamwork, building partnerships, and working with others to reach shared objectives;

**Accountability:** We are accountable for the whole project - we take responsibility for our specific actions and are transparent in our daily work, holding self (ourselves) and others accountable to meet commitments;

**Respect:** We treat each other with respect and dignity at all times, knowing that all of us belong here. We appreciate the value that our multicultural and diverse community brings to the ITER Project;

**Excellence:** We are driven by excellence; we are agile and innovative while maintaining the highest standards of safety, quality and integrity;

- **ITER Core Technical Competencies:**

- 1) **Nuclear Safety, Environment, Radioprotection and Pressured Equipment**
- 2) **Occupational Health, Safety & Security**
- 3) **Quality Control & Quality Assurance Processes**

**Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members;**

- Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
- May be requested to perform other duties in support of the project as defined by your line manager, and when relevant upon the request of the matrix manager;
- May be requested to work outside the ITER Organization reference working hours, including nights, weekends and public holidays, due to business needs - this may include on-call, shift work, etc.
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- For staff expected to perform on-call, shift hours, or other work outside ITER Organization reference working hours, including nights, weekends, and public holidays,

**the possession of a driving license valid in France is required. no commuting vehicle will be provided by the ITER Organization.**

- Informs management of any important and urgent issues that cannot be handled by line or matrix management and that may jeopardize the achievement of the Project's objectives;

The ITER Organization (IO) is an Equal Opportunity organization committed to diversity and inclusive in the workplace.