

TITLE: IT system administrator Codac&IT, H&CD and Diagnostics / CODAC		CHD-034
REPORTS TO LINE MANAGER: Division Head, CODAC & IT		
DIRECT EMPLOYMENT: NOT REQUIRED	GRADE RANGE: P2-P4	
DATE WRITTEN: October 2006	DATE REVISED: SEPTEMBER 2007	DATE REVISED:

Purpose:

The candidate will join a group of IT specialists providing support to the ITER team, especially in the area of server, database, software and network administration. The ITER team uses MS Windows as baseline system for client and server systems. Some systems run on Linux. The backup system employs Tivoli software on an IBM tape system. Several complex software systems are maintained, such as Catia / Enovia V5, for the design office which requires skilled efforts to set up, configure and maintain. Databases employed are Oracle, MS SQL 2005, and MySQL.

Major duties and responsibilities:

- Network administration and security at ITER and partner sites, including cooperation with various network providers.
- Server (MS Windows), data, database administration including script development.
- Backup with IBM Tivoli
- Assist in administration of collaboration systems.
- Cooperate with external companies involved in IT administration.

Qualifications Required:

- University degree in science or computing.
- 10 years of professional experience
- Excellent knowledge and experience in networking equipment (architecture, high availability, VLAN, firewall, intrusion detection, etc).
- Excellent knowledge and experience of the Windows Operating system.
- Experience in (VB) scripting, Oracle, Checkpoint, MS SQL, Tivoli would be an advantage.
- Knowledge of Unix and Video Conferencing (H.323) would be an advantage.
- Ability of team work in a flexible way.
- Good working knowledge of spoken and written English is essential.

Work Direction and interfaces:

Reports to DH for CODAC & IT.

Authority/Approval levels:

Has authority and approval level defined by the DH for the scope of work.

Measure of Effectiveness:

- Successfully maintains the ITER network, servers, and data (incl. databases)
- Successfully collaborates with remote system administrators of ITER partners.