

INFORMATION TECHNOLOGY AUDIT AT THE BRAZILIAN FEDERAL POLICE DEPARTMENT

ABOUT THE AUDITED AREAS

The Information Technology Coordination (CTI - *Coordenação de Tecnologia da Informação*) is the unit responsible for information technology at the Brazilian Federal Police Department (DPF - *Departamento de Polícia Federal*). It's function is to provide information technology services that support DPF's internal procedures and to cater to the public in general. These services comprehend every field of practice of the Police Department - both police and administrative activities. They must also provide the technological means necessary for appropriate storage, manipulation, treatment, recovery and distribution of information that is essential for the accomplishment of the Federal Police Department's assignments.

The Automated Fingerprint Identification System (Afis - *Sistema Automatizado de Identificação de Impressões Digitais*), which is also an object of this Audit, is meant to assist the DPF in managing services related to civil and criminal identification of people, in an automated way. It uses comparison algorithm and image processing tools.

WHY DID THE BRAZILIAN COURT OF AUDIT (TCU – TRIBUNAL DE CONTAS DA UNIÃO) UNDERTAKE THIS AUDIT?

As a consequence of a survey result of 2004, which identified risks of data inconsistency in systems of the Brazilian Federal Police Department, the Court of Audit determined the execution of a system audit with the objective of evaluating the Information Technology (IT) management, focusing on effectiveness and reliability of DPF's main and larger computerized systems (Sentence No. 1.738/2005 – TCU – Plenary).

On the other hand, the Afis System's analysis arose from a determination of this Court's Plenary (Sentence No. 724/2005 – TCU – Plenary), motivated by the result of an operational audit carried out by TCU during 2004, which identified several problems in the Single System Program for Public Safety (Susp - *Programa Sistema Único de Segurança Pública*).

TCU DELIBERATIONS

The contribution of the Brazilian Court of Audit to the improvement of DPF's IT management came about by means of several determinations and recommendations for the establishment of formally defined policies and mechanisms to assure workers' and systems' adherence to these policies: restructuration of human resources allocated at the Information Technology Center (CTI – *Centro de Tecnologia da Informação*), diminishment of dependence level on key individuals or specific companies for system maintenance, definition of software development methodology, creation of legacy systems documentation and interaction between these systems.

The benefits estimated by these proposals are: improvements in internal controls, in security of computerized systems and resources, in quality of system generated information, and in performance, planning and management of the IT area in the DPF.

TCU DELIBERATION

Sentence No. 417/2008 - TCU – Plenário

Rapporteur: Auditor Augusto Sherman Cavalcanti

Business

External auditing of information technology governance
in the federal government.

Mission

To ensure that information technology adds value to
the business of the federal government for the benefit
of society.

Vision

To be a unit that achieves excellence in improving and
auditing information technology governance.