

## Radical System Solutions Controlled Access Telephony Server (CATS)



### Business Challenge

Correctional facilities have enormous security issues surrounding the inmate's use of the public telephone network. The system must be completely automated with no human-operator intervention. Blocked number management must be extensive in its consideration of potential fraud and its prevention. Calls must be recorded and monitored for any fraudulent acts or other criminal activity. The System must manage collect and various forms of prepaid calling while preventing collection write-offs.

### Solution Description

The solution is a powerful system based on computer telephony, data-centric in its design and with a view of typical telephone devices or lines as normal computersystem peripherals. Full data-centricity provides a knowledge base to the system to prevent fraud while aiding in extensive investigations requiring sophisticated queries into the system's calling activity.

### Value Proposition

The CATS system's use of IBM's Informix® Dynamic Server (IDS) provides the most powerful, core relational database management system (RDBMS) in our industry. CATS combines Web-based management tools, sophisticated call-control configuration capabilities, powerful recording and monitoring, and extensive investigation tools to deliver the finest solution in its market.

### Company Description

Radical System Solutions has its roots in the development of technologically advanced and highly complex computer-based systems for data and telecommunication applications over local and wide area networks. Radical's expertise in communications and messaging technologies for distributed applications has been widely recognized and primarily used in the transportation and logistics, defense and aerospace, and telecommunication industries by clients such as Federal Express, Jet Propulsion Laboratories, Schlumberger, AMR and CSX.

#### IBM Segment

- Data Management

#### Business Function

- Inmate Telephone System

#### Target Industry

- Government

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