# Montreal Informática enables Rio de Janeiro's public transportation federation to make bus and subway travel faster and more convenient for passengers.

## Overview

**Montreal Informática**
Rio de Janeiro, Brazil
www.montreal.com.br

**Industry**
- Computer services

**Employees**
- 1,500

**Products and services**
- IBM zSeries 890
- IBM z/OS V1.6
- IBM System z Application Assist Processor (zAAP)
- IBM DB2 for z/OS V8 software
- IBM WebSphere Application Server for z/OS V5.1

**IBM Business Partner**
- Ingram Micro

M.I. MONTREAL INFORMÁTICA
Integrando Tecnologia aos Negócios

*"The ticketing system from IBM is more convenient for passengers. But it also gives Fetranspor more insight into its customers, so the organization can provide customized services that better meet its customers' needs."*

—Montreal Informática

**Founded in 1987, Montreal Informática (M.I.) is one of the largest IT service providers in Brazil. The company employs 1,500 people throughout Brazil.**

## Challenge

Fetranspor (the Public Transportation Federation of Rio de Janeiro) contracted M.I. to develop and host an electronic ticket processing application for all public transportation systems within Rio de Janeiro. To support the new Web-based ticketing system, M.I. needed a robust, resilient IT infrastructure capable of operating 24x7.

## Solution

Montreal purchased an IBM zSeries® 890 server from IBM Business Partner Ingram Micro to replace its existing server and support the new Fetranspor RioCard ticketing application.

The IBM System z® server, which runs the IBM z/OS® V1.6 operating system, features the IBM System z Application Assist Processor (zAAP), a specialized processing unit that provides a lower-cost execution environment for Java™ technology–based applications and offers the power needed to more quickly and effectively process large workloads. The RioCard application utilizes IBM DB2® for z/OS V8 software and IBM WebSphere® Application Server for z/OS V5.1 middleware.

## Benefits

In the past, Fetranspor printed, verified and distributed more than four million bus and subway passes. Since implementing the RioCard solution, the company has issued travelers more than 600,000 smart cards, which significantly reduces the administrative burden of issuing tickets and reduces the time needed for a traveler to purchase and receive subway and bus tickets by more than half. The RioCard application tracks purchasing and traveling trends, allowing Fetranspor to tailor services to individual customers and to customize promotions. And because the company no longer has to manually print and distribute tickets, the RioCard system will help reduce Fetranspor's overhead costs.

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