

# Case Study



## Leumi Card

**Customer Name:**  
Leumi Card

**Headquarters:**  
Bnei Brak, Israel

**Line of Business:**  
Credit card,  
Payment processing

**Number of  
Employees:**  
1,600

<http://www.leumi-card.co.il>

## Financial Services IT Dept. Conquers Versioning Pitfalls and the learning Curve.

Leumi Card relies on Database Enforced Change Management to streamline development efforts across a large, diverse environment.

- IT keeps up the pace of production updates.
- Developers leverage their knowledge using check-out and check-in processes to minimize backtracking.
- Database releases progress faster without dropping changes.

### Background

Founded in 2000, Leumi Card is one of Israel's leading credit card companies, with more than two million cards issued and close to 50,000 business customers. A subsidiary of Bank Leumi, the firm provides credit issuing and clearing services, as well as payment and credit solutions.

### The Challenge

One of the departments in Leumi Card's IT organization is the Open Systems, made up of about 30 developers and team leaders. The group faced several key challenges, including parallel development efforts across the company's numerous systems. The department manager responded to changing needs by temporarily reallocating staff from other projects. This increased system knowledge among all his team members, but still cost some productivity setbacks due to learning curves; something he could ill afford with multiple production updates each week.

The pressure to produce created issues for everyone from senior management to developers. These included accidental code overwrites, much time lost in planning, work organization and prioritization, and an inability to track change histories or undo/rollback changes. It became difficult to maintain synchronization between development and production systems, and change documentation often fell victim to time pressure as well.



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"As regulatory pressures mount, change management is of the utmost importance. We chose DBmaestro to help us manage database changes during the development process, and to minimize errors when transferring different versions across environments. DBmaestro offered highly professional service and support during the implementation process, and provided superior training and assistance to our entire development team."

Andrey Plaksin,  
Manager of Open  
Systems Development



Leumi Card wanted to continue its current pace of development and production updates, while ensuring the integrity and availability of the production environment. They also wanted to leverage existing knowledge, enhance existing processes, and reduce the learning curve when people moved from one project to another, without requiring them to change the way they worked.

The search began for a database version control solution.

### The Solution

Leumi Card's search led them to DBmaestro. The implementation was fast and straightforward, taking less than a month to complete.

DBmaestro is now the standard database enforced version control solution for the Open Systems department, managing all schemas in development environments prior to QA. Because developers were familiar with version control terms and processes implemented by DBmaestro, such as check-out and check-in of database objects, they were productive almost immediately.

Leumi Card implemented DBmaestro's Database Enforced Version Control, Integration with Microsoft TFS, Deployment Automation and Enhanced Security modules.

### Results

DBmaestro has given the Open Systems team greater database enforced change management during critical development processes. Staff now has improved change visibility, and can rollback to previous versions.

The entire development process is organized and coordinated, and risks - for example, the lack of a backup during major development efforts - have been virtually eliminated. Senior management also has visibility into the development areas that require additional support.