How Micro Force Used SlashDB as the

"Missing Link" to Modernize their Legacy App

The Client

Micro Force is a consulting firm that implements, supports and augments business software solutions focused on ERP solutions.
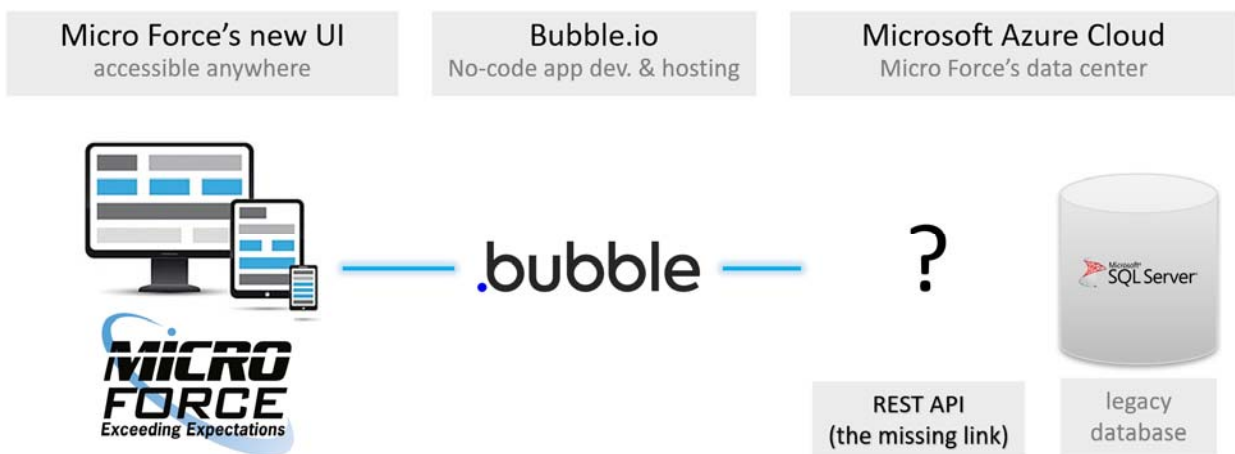
The Problem

In 2018, Micro Force used an in-house built application for time and billing.

> "SlashDB was a great low code solution to move to the cloud easily."
>
> David Brandman
> Partner, Micro Force

Their front end was web-based, and while they had moved most of their systems to the cloud, this application was on-premise. It had taken years to define and build the business logic in the legacy application. Rewriting the entire thing would be extremely cumbersome and time consuming. Micro Force found a low-code development solution called Bubble.io, which was used to update the front end interface of the time and billing system. However, as they worked on it further, it had its limitations, as the front end did not link to the back end SQL Server. Years of data and its business logic would have to be rewritten. The missing piece was REST APIs that could preserve the stored procedures.

Micro Force's new UI — accessible anywhere | Bubble.io — No-code app dev. & hosting | Microsoft Azure Cloud — Micro Force's data center | REST API (the missing link) | legacy database

The Solution

That's where SlashDB came in. It is the link that can automatically connect a hosted product to a native cloud application. SlashDB auto-built APIs based on Micro Force's database and its logic. Micro Force could use it in a test environment at no cost until production. David Brandman, Director of Professional Services said,
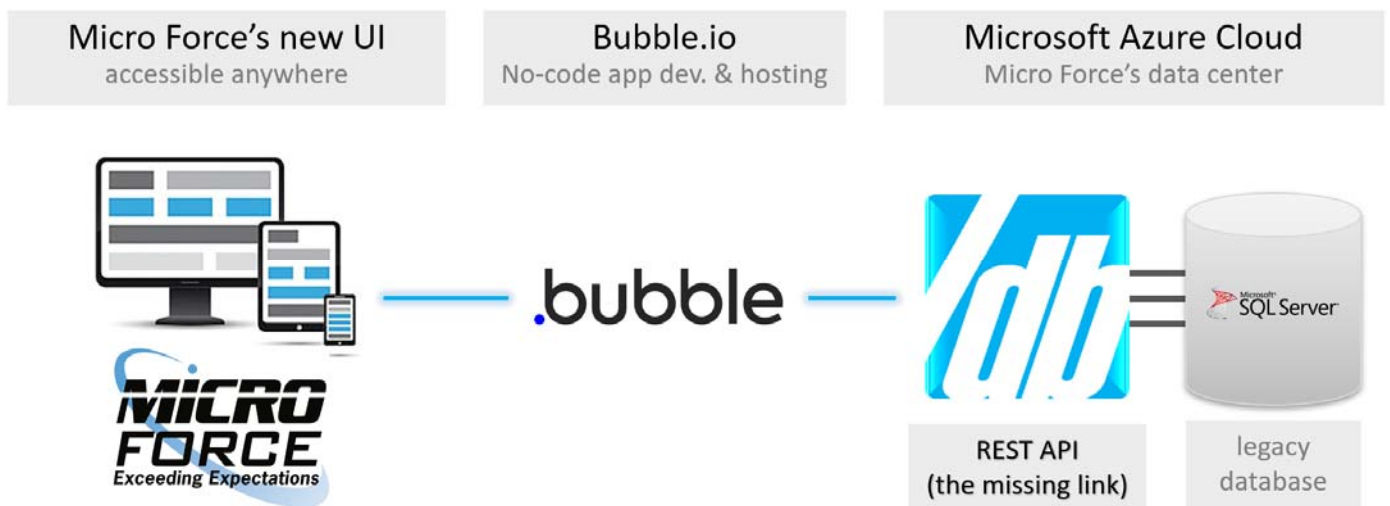
"*When we needed consultation, I was surprised at how responsive the SlashDB team was. Now we can access the data really, really fast. SlashDB created API calls for our billing and time system with minimal investment.*"

The Outcomes

SlashDB provided access to Micro Force's legacy time and billing system which allowed them to continue using it for their current operations.

"*We would have had to spend a year of effort without knowing if it would work. SlashDB actually saved the project.*" said David Brandman.

Micro Force hasn't used much of the incredibly powerful API building capabilities SlashDB offers yet but anticipates applying it to their clients' needs in the future.

Micro Force's new UI	Bubble.io	Microsoft Azure Cloud
accessible anywhere	No-code app dev. & hosting	Micro Force's data center

REST API
(the missing link)

legacy
database

SLASHDB FEATURES

Data Discovery

- Preserves complex object relationships
- Intuitive URL scheme
- Configurable traversal depth
- No SQL code required

SQL Pass-Thru

- Supports any valid SQL query
- Maps query parameters

1-Click Data Formats

- XML (with XSD)
- CSV
- JSON
- HTML

Support for Microsoft Excel

- No VBA code required

Supports leading RDBMS

- Oracle
- Microsoft SQL Server
- IBM DB2
- Sybase
- MySQL, and more

Scalability

- Stateless design
- Usable with MapReduce and relational algebra
- Caching
- Available as a virtual appliance

Works with Everything

- Java, C#, C++
- Python, PERL, VB/VBA
- Clojure, Scala, F#
- JavaScript, PHP, ASP.Net, etc.

SLASHDB SOLUTIONS

SlashDB has applications in both enterprise and web environments:

- **Enterprise Data Management**, as an alternative or supplement to data warehousing and ETL
- **Data Gateway** for authorized web/mobile applications to enterprise databases
- **Overcoming data silos** by enabling self-service data search and reporting for non-technical staff
- **Data asset monetization** by providing an on-demand alternative to static file distribution.

To learn more about these use cases, system's features, or to schedule a demo please visit our website us at: www.SlashDB.com

VT Enterprise LLC