HSL & LMJ Account Based Ticketing BO-system

Software development partner, scrum project management

The challenge

Finnish public transport authorities have several ticketing-related backend services. In order to significantly improve maintainability, integration capabilities and in the end provide great user experience, new architecture and approach should be proposed and developed.

The solution

The modular architecture of the account-based backend system supports interoperability and enables expansion. The system heavily uses public transport standard models Netex and Transmodel, both in internal data model and interfaces. An essential goal is to develop core components in such a way that public transport authorities have the opportunity to develop their own operations around them.

The results

The clients have acquired a team of experts from Futurice to implement the account-based background system. The agile development team works under the direction of the clients.

> "The cooperation with Futurice has been very successful. We are pleased to be able to continue to offer passengers advanced and flexible public transport services, and to create an opportunity for cities to easily introduce new service solutions that supplement current public transport. For this we need experienced and trustworthy partners such as Futurice".
>
> Toni Pallaspuro, CEO of LMJ

About TVV lippu- ja maksujärjestelmä Oy (LMJ)

TVV lippu- ja maksujärjestelmä Oy (LMJ / Waltti) is an IT services and procurement company jointly owned by 21 urban regions and HSL. Helsinki Region Transport (HSL) is the inter-municipal authority that maintains the public transportation network of the nine municipalities of Greater Helsinki, Finland.
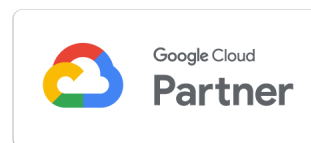
Industry: Other

Primary project location: Finland

About Futurice Oy

We bring together strategy, design, engineering, and data to help organisations become resilient, so they can take control of their future.

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