

# Ungerboeck Software modernizes from a legacy desktop on-premises system to a mobile-optimized web app with re-engineered UX



**7** product areas being modernized



**1000+** screens upgraded



**3+** years of modernization duration

## About the Company

- World-leading North American event management software company with high-profile customers in more than 50 countries around the globe
- Flagship product provides end-to-end venue and event management software solutions
- Provides a comprehensive event technology platform that streamlines financials, vendor management, sales, CRM, booking/scheduling, as well as reporting for venues, conferences, trade shows, and exhibitions

## Business Need

### What

Upgrade their 25 year old legacy desktop application to a Cloud-based solution with a mobile-optimized web app

### Why

- To enable a service and module-based licensing model by building a SaaS application
- Application was built incrementally over a long period, leading to high technical debt. Faced business threat due to impending withdrawal of Microsoft Silverlight support

### Goal

- Ensure the application is Cloud-ready and modularized for optimum scalability with a SaaS model
- Modernize UI/UX for an optimal customer journey and user experience

## Engagement Scope



Conversion of VB.NET/C# desktop application to Angular-based web app



Redesign of UI considering a mobile-optimized approach



Re-engineering and optimization of business workflows to derive maximum value from a rethought UX



Enhancement of core software architecture for better performance, easier maintainability, and simpler future integrations



Alignment of the product with strategic business objectives

## Technology Spread

VB.NET	ASP.NET	Silverlight	C#	TypeScript
ES6	Angular	HTML, CSS	Crystal Reports	SQL Server

## Nitor's Value Add



Partnered in ideating for the product in terms of newer features and smarter application workflows



Ensured a diverse team skill set (full-stack developers and domain experts), which helps allocate talent across all areas of the product



Created a process-driven instead of a person-dependent culture to grow knowledge base. Built a knowledge sharing forum within the project as part of fostering process dependency



Delivered a customized delivery model. Implemented scrum methodology and proposed the use of Kanban boards to enhance collaboration and productivity

## Business Benefits

- Modernized legacy desktop application while ensuring business continuity and no disruption the current business model. Achieved this through a multi-stage product upgradation approach
- Maintained 90% of the same features & functions, and enhanced functionality in the remaining 10%. Ensured zero loss of features & functions after migration to the new technology stack
- Added opportunities to expand Ungerboeck's business with an optimized feature-based costing plan and Cloud-based SaaS model
- Redesigned the product from a mobile-first perspective, enabling responsiveness and a crisp, streamlined UI
- Derived value from Nitor's domain expertise and flexible team size