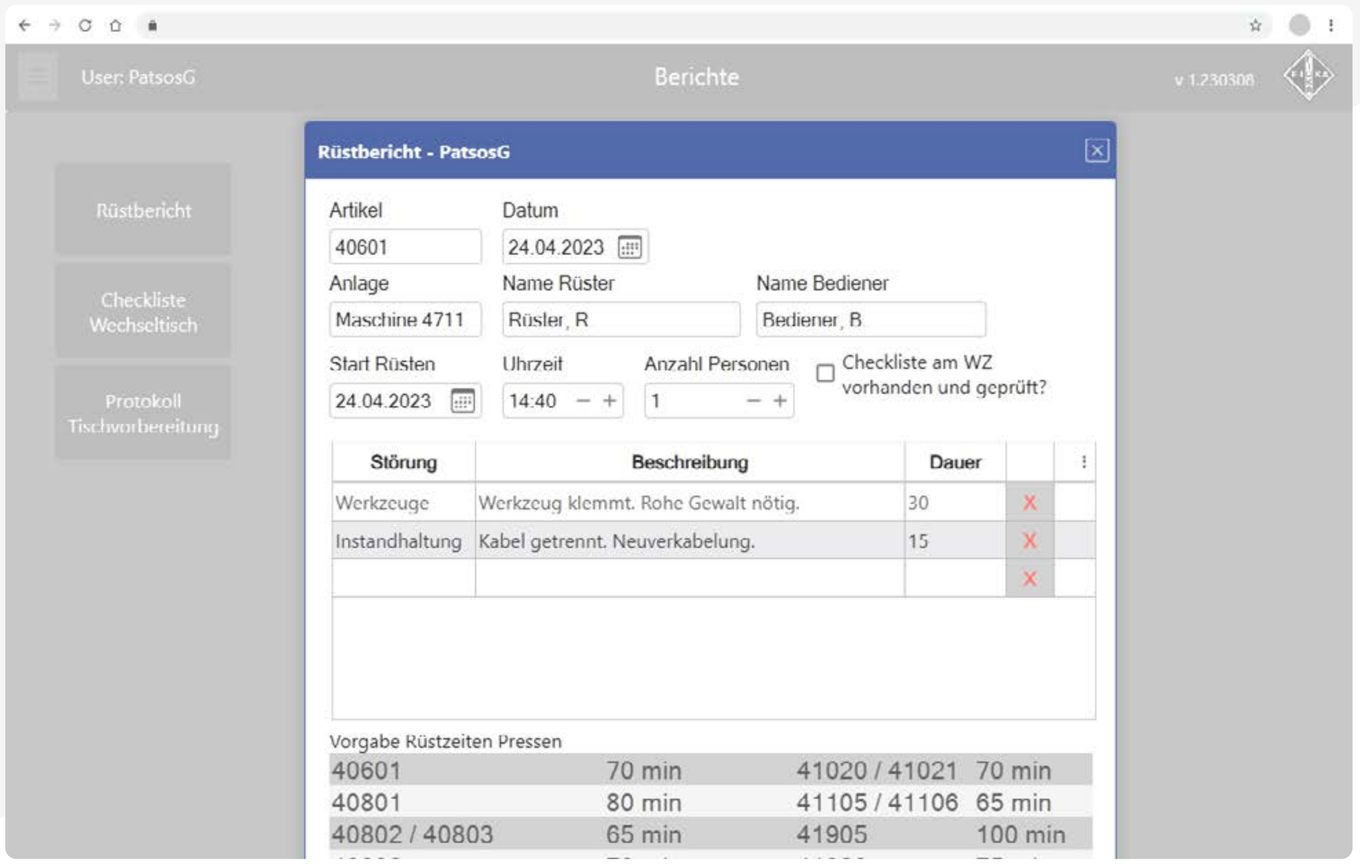
Fischer & Kaufmann

Metal Processing and Cold Forming streamlined with Wisej.NET



Since its founding in 1938, Fischer & Kaufmann GmbH & Co. KG (FIUKA) has been at the forefront of innovation. From acquiring the first automatic forming machine to pioneering cold-forming solutions, the company has consistently embraced progress.

FIUKA collaborates with leading automotive brands, providing essential metal forming for components like chassis and engine parts. The company defines the cutting edge of servo press technology to produce complex components. In short, FIUKA drives the future of manufacturing.

Confronted with the need for a web-based solution, FIUKA decided to upgrade. They had developed several internal software applications with data spanning almost a century — the primary goal to enhance operational efficiency. To achieve this, FIUKA began exploring the best tools. After reading about our modernization efforts in Germany‘s DotNetPro magazine and building their front end with Angular, Wisej.NET seemed perfect.

Tempering Challenge

The development team began working
and recognized significant benefits:

Efficient Migration

FIUKA's existing business logic could remain unchanged. Wisej.NET's compatibility options allowed for the transformation of legacy tools like WinForms

Modern User Experience

Wisej.NET's robust toolset enables developers to overhaul user interfaces, creating a modern, intuitive design that remains familiar.

Robust Security and Backward Compatibility

Wisej.NET prioritizes data protection. Server-side architecture, built-in encryption, and granular access control ensure safety for a smooth transition.

Forging Futures

Following some fundamentals,
FIUKA succeeded in no time:

Rapid Application Development

The visual designer and drag-and-drop interface of Wisej.NET allowed FIUKA‘s developers to create intuitive user interfaces effectively.

Rich UI Components

Wisej.NET's pre-built UI components, including data grids, charts, and forms, allowed FIUKA to develop visual improvements and performance quickly.

Seamless Integration

Wisej.NET‘s integration capabilities allowed FIUKA to connect its new applications with existing systems, ensuring a smooth transition with minimal disruption.

Cross-Platform Compatibility

Wisej.NET‘s application deployment on web and desktop platforms improved accessibility.

Centralizing data within web applications can improve data recording, evaluation, and integration with other systems.
We‘re designing user interfaces to be intuitive and easy for all employees“

George Patsos
Senior Software Developer

Modernizing Manufacturing

FIUKA successfully streamlined operations and gained real-time insights:

Better decision-making

FIUKA implemented data-rich dashboards that use Wisej.NET‘s features to show users real-time metrics.

Streamlined Inventory Management

User-friendly interfaces created with Wisej.NET‘s data grids enabled efficient tracking, report generation, and automated reordering processes.

Optimized Logistics

Wisej.NET’s advanced controls enabled data visualization and analysis.

Centralized Document Management

Wisej.NET‘s document viewer and search capabilities streamline information access to critical machine parts.

Results Achieved

After successful user testing,
the solution launched to over 450 users

- **Accelerated Development and Time-to-Market:** Wisej.NET‘s rapid development reduced development time and accelerated application deployment.
- **Streamlined Operations and Increased Productivity:** Wisej.NET’s automation handles routine tasks and centralizes processes.
- **Enhanced Decision-Making:** Wisej.NET’s real-time access to critical data enables data-driven decisions, giving users the data analytics tools to identify trends and optimize processes.
- **Improved User Experience:** Wisej.NET’s facilitated familiar user interfaces that are integratable with existing systems

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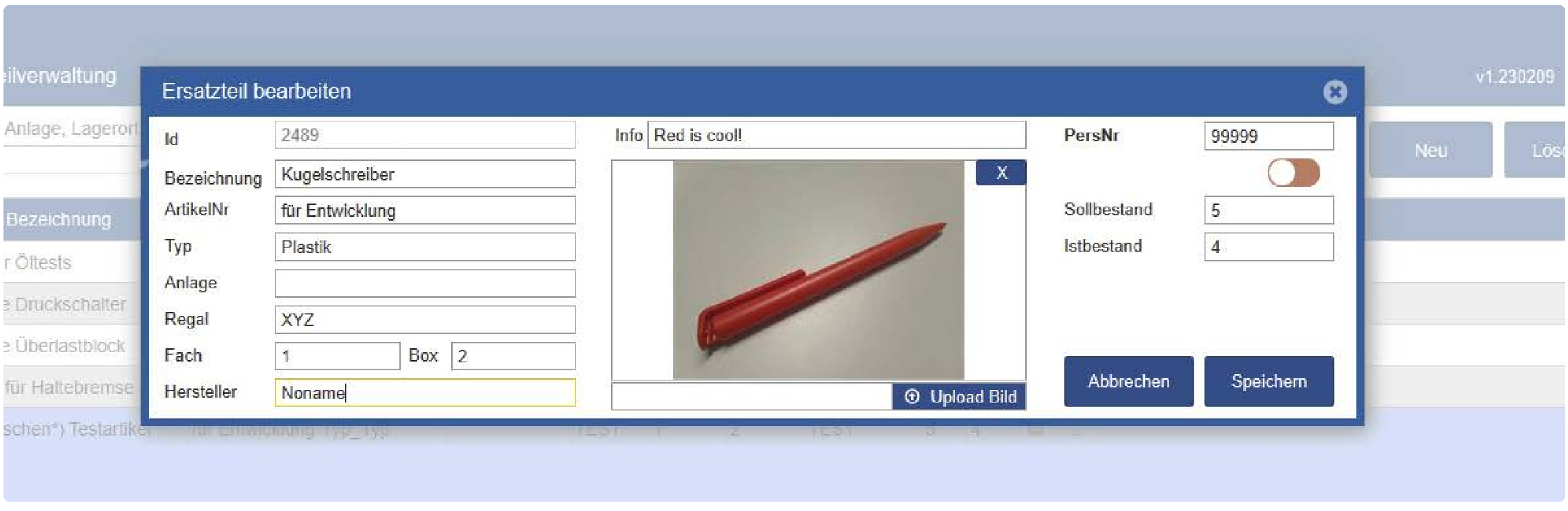

About
Fischer & Kaufmann

Fischer & Kaufmann (FIUKA) is a leading global supplier of precision metal forming solutions, specializing in cold forming and deep drawing technologies. With decades of experience and a focus on innovation, FIUKA has built a strong reputation for delivering high-quality components to the automotive industry.

About
Ice Tea Group

We specialize in enterprise application modernization and business web frameworks. Since 1998, we have maintained a proven track record with over 600 satisfied clients, including Fortune 500 companies like Fujitsu, Goodyear, Xerox, and Siemens

iceteagroup.com

If you like developing web apps in C#,
go with Wisej.NET.
The user interface remains familiar, so everyone finds their way around immediately while
we expand our app‘s ability“

George Patsos
Senior Software Developer

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