



# **Sencha Ext JS vs. Angular:** MGIS's Case Study on Cost- Effective Web Development



MGIS is a top insurance provider. Its headquarters are in Munich, Germany. They offer many insurance products. These include auto, home, life, and commercial policies. MGIS has operations across Germany and Austria. It prides itself on great customer service and a smooth digital experience.

**Industry**  
**Insurance**

**Location**  
**Munich, Germany**

**Key Results Achieved** | Switching from Angular to Sencha Ext JS gave mobilversichert



**250+ hours**

Minimum hours saved on development



**100%**

Ability to handle large data loads



**2.5 months**

Rebuilt the entire platform in 2.5 months



**15%**

Remarkable progress: 15% app functionality built in just 2 weeks



Significant cost savings by completing the project internally



Increased Developer productivity and enhanced user experience.

# The Challenges

## Modernization of UI Framework

Digital technologies have disrupted the insurance industry. They have also changed customer expectations. Customers now demand instant, on-demand services through their mobile devices. Younger customers expect slick, app-like experiences. These must be as good as those from top consumer brands.

MGIS realized they needed to update their core insurance platform. They had to do this to keep up with the changes and stay competitive. Their current MVP is the digital interface. It's for agents and customers. It was built over 8 years ago. It got the job done but lacked modern design and a mobile app.

## The Solution

- Rebuild platform using Sencha Ext JS leveraging existing Ext JS 4 code
- Component-driven approach empowered rapid development
- Optimized for large datasets with over 100,000+ records
- The future-proofed platform for continued innovation

## Results

- The rapid development timeline of 2.5 months
- Ability to handle large data loads
- Flexibility to build any required interface
- Strengthened competitive positioning in the insurance sector
- Boosted agent productivity with an intuitive new system

## Top Reasons for Choosing Sencha Ext JS

- Vast pre-built component library
- Battle-tested since 2007
- Clear vision and integrated tools from creators
- No need to build own framework or learn other tools
- Excellent design and support options

## Business Benefits

- Increased flexibility and efficiency of development
- Achieved strategic advantage through swift results
- Significant cost savings over external project
- Company Transformation
- Accelerated time to market for feature delivery
- Improved operational efficiency of development



# A Revitalized Platform Built on Sencha Ext JS

## Profile Menu

	Name	Adresse	Kunden...	Grup...	Status	E-Mail	Telefon-Nr.	Geburt...	Kundenn...	Kunde ...	
<input type="checkbox"/>	Musterkauf	10115 Berlin Mustergrasse 2	Gewerb...	C	Aktiv	musterkauf@...	+11-999999 0111-7774444	01.01.1...	810311	07.10.2...	...
<input type="checkbox"/>	Test, Heinz	33775 Versmold Winkelgrasse 12	Privatku...	A	Aktiv	abgd@xml.de	0521-12345699 0151-123456	10.12.1...	810312	07.10.2...	...
<input type="checkbox"/>	Muster, Kurt	33602 Bielefeld Ludwigstr. 234	Privatku...	B	Verstorben	-	12345678	01.01.1...	810313	07.10.2...	...
<input type="checkbox"/>	Testfirma GmbH	33775 Teststr. 45	Firmenk...	B	Aktiv	-	-	01.01.1...	810314	07.10.2...	...
<input type="checkbox"/>	Musterberg, Fr...	-	Privatku...	B	Aktiv	-	-	01.01.1...	810318	22.12.2...	...
<input type="checkbox"/>	Testfall, Katrin...	60318 Frankfurt am ... Musterweg 20	Privatku...	B	Aktiv	katrintf@mb...	069-999999 0170-7777777	25.09.1...	810319	18.10.2...	...

## Details Screen View Mode

**mobilversichert**

Dateneingabe erforderlich (Trennung mit Semikolon von me)

**Kunden**

**Testfall, Katrin FB - Kundenübersicht**

**Adhoc-Information**  
Kunde hat neues Haustier - Hundevericherung anbieten

**Dipl.-Jur. von Testfall, Katrin FB**  
katrintf@mbv.de | 810319 | 0170-7777777 | 069-999999 | 25.09.1991 | Verheiratet

Vollständigkeit Kundenprofil

**Kundendaten**

**Kundenzuständigkeit**

Betreuer-Name: Winkler, Thomas  
Sachbearbeiter / Vermittler: Marie Test  
Name Kooperationspartner: Projekt Physio (Aktiv)

**Kundenstammdaten**

Geschäftskunde: ☐  
VIP: ☒  
Kundengruppe: B

Anrede: Frau  
Typ: Privatkunde  
Status: Aktiv

Titel: Dipl.-Jur.  
Vorname: Katrin  
Nachname: Testfall

Präfix des Nachnamens von: von  
Geburtsname: Bomberg  
Geburtsdatum & Alter: 25.09.1991 / 32

## Frameworks Comparison



### Key Comparison Points

- Data binding, templates, debugging, abstraction, performance, native apps support



### Frameworks Evaluated

- Sencha Ext JS, React, Angular



### The Challenges

- Choosing the right framework to modernize the platform and support future growth needs



# Framework Solutions

## Sencha Ext JS

- 140+ pre-built, tested components
- Effective rendering of large datasets
- Flexible theming and templates
- Superior debugging tools
- Abstraction optimizes performance
- Support for native app packaging
- 24x7 premium support

## React

- Rapid development with components
- Virtual DOM improves performance
- Simple data binding
- React Native for mobile

## Angular

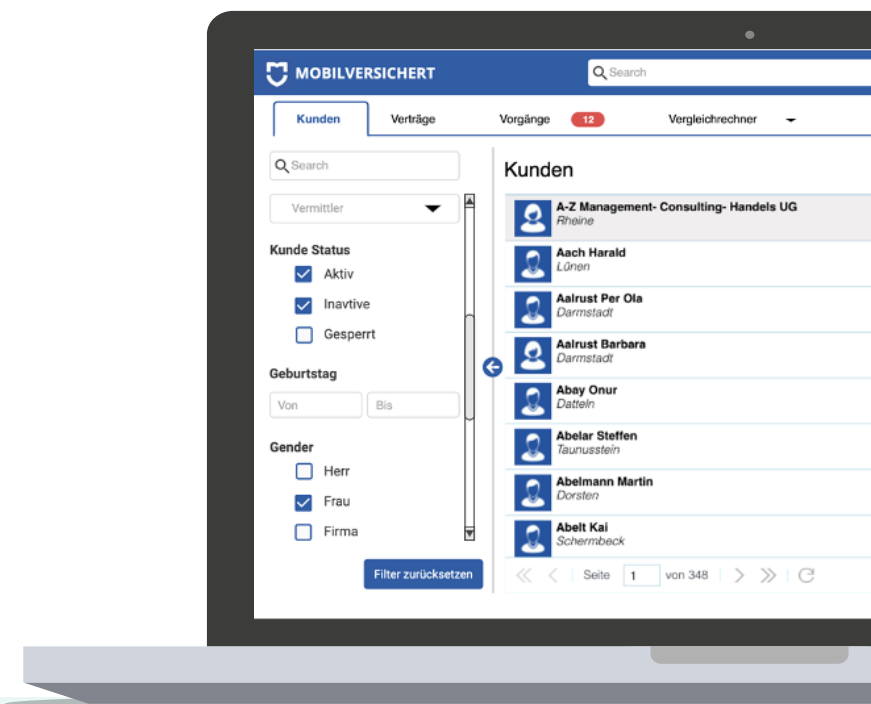
- Built-in validation and CRUD functionality
- Integrated templates reduce code
- Services simplify abstraction
- Large size impacts performance

## Framework Comparison Results

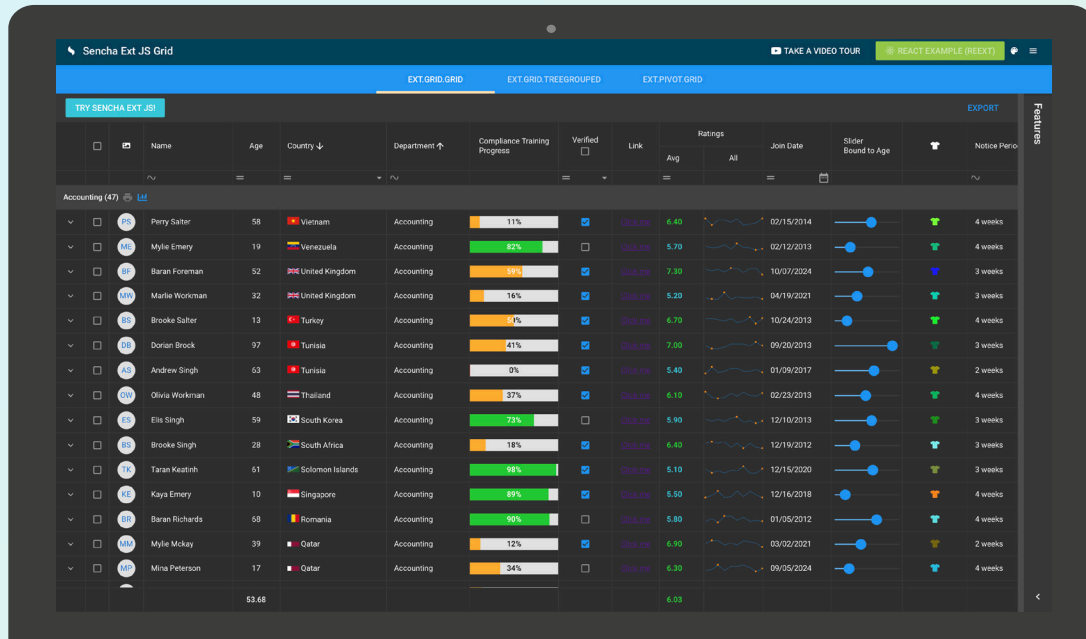
### Sencha Ext JS

Ext JS emerged as the top choice based on its:

- Mature, robust feature set
- Performance for data-intensive apps
- Leverage of existing Ext JS investment
- Flexibility and rapid development



# GET YOUR 30-DAY **FREE TRIAL** OF EXT JS



Sencha Ext JS Grid													
EXT GRID: GRID    EXT GRID: TREEGROUPED    EXT PIVOT GRID													
TRY SENCHA EXT JS!													
		Name	Age	Country	Department	Compliance Training Progress	Verified	Link	Ratings	Join Date	Slider Bound to Age	Notice Period	
Accounting (47)		Perry Salter	58	Vietnam	Accounting	11%		000000	6.40	02/15/2014		4 weeks	
		Myle Emery	19	Venezuela	Accounting	82%		000000	5.70	02/12/2013		4 weeks	
		Baran Foreman	52	United Kingdom	Accounting	94%		000000	7.30	10/07/2024		3 weeks	
		Marlie Workman	32	United Kingdom	Accounting	16%		000000	5.20	04/19/2021		4 weeks	
		Brooke Salter	13	Turkey	Accounting	0%		000000	6.70	10/24/2013		3 weeks	
		Dorian Brock	97	Turisia	Accounting	41%		000000	7.00	09/20/2013		3 weeks	
		Andrew Singh	63	Turisia	Accounting	9%		000000	5.40	01/09/2017		2 weeks	
		Olivia Workman	48	Thailand	Accounting	37%		000000	6.10	02/23/2013		4 weeks	
		Eliis Singh	59	South Korea	Accounting	73%		000000	5.90	12/10/2013		3 weeks	
		Brooke Singh	28	South Africa	Accounting	18%		000000	6.40	12/19/2012		3 weeks	
		Taran Keatninh	61	Solomon Islands	Accounting	98%		000000	5.10	12/16/2020		3 weeks	
		Kaya Emery	10	Singapore	Accounting	69%		000000	5.50	12/16/2018		4 weeks	
		Baran Richards	68	Romania	Accounting	90%		000000	5.80	01/05/2012		4 weeks	
		Myle McKay	39	Qatar	Accounting	12%		000000	6.90	03/02/2021		2 weeks	
		Mina Peterson	17	Qatar	Accounting	34%		000000	6.30	09/05/2024		4 weeks	
			53.68						6.03				

**TRY EXT JS TODAY!**



Sencha tools help companies accelerate development cycles for enterprise-ready web applications. Sencha's development framework offers a single coding paradigm across all components, with hundreds of pre-integrated and tested UI components, built-in themes, sample apps and stencils. More than 60 percent of Fortune 100 companies use Sencha products to design, develop, and test their data-intensive, cross-platform web and mobile applications.