

SUCCESS STORY: PROACTIVE MAINTENANCE

Proactive maintenance with InfraCloud

BLG LOGISTICS GROUP AG & Co. KG

From reactive repair to data-driven infrastructure management

Challenge

BLG LOGISTICS operates one of Europe's largest automotive logistics centers in Bremerhaven. Severe weather conditions and heavy loads caused increasing damage to traffic and parking areas—often only becoming apparent when immediate action was required. Preventive planning was virtually impossible because inventory data was incomplete and damage patterns were not systematically recorded.

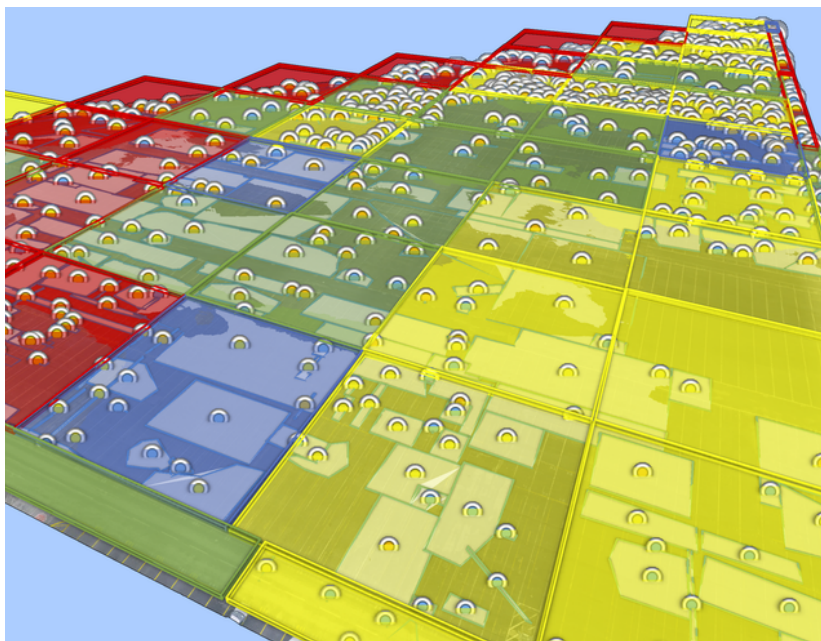
Core problems

- Lack of a valid data basis
- Reactive rather than preventive approach
- High costs and safety risks

Solution

With InfraCloud, BLG entered a new era of infrastructure management. A 75,000 m² parking area was surveyed using drone and mobile mapping technology, and the data obtained was integrated into the cloud-based platform.

There, the software automatically detected damage in accordance with the E EMI 2012 regulations, classified it, and visually represented it in color according to condition classes. Engineers were able to filter and prioritize measures and call up cost estimates with just a few clicks—for the first time based on complete, valid data.

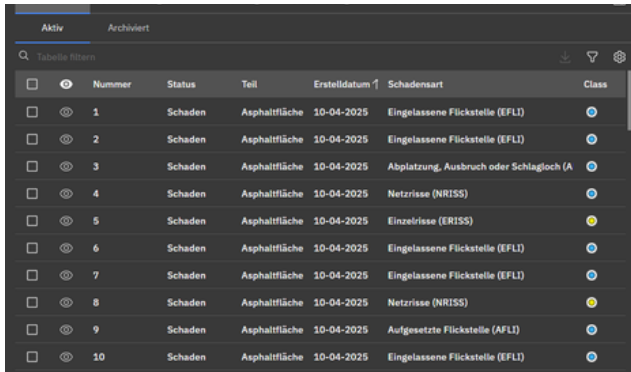


A 75,000 m² parking area was surveyed using drones and mobile mapping technology. The data was uploaded to InfraCloud, where damage was detected and classified in accordance with regulations (E EMI 2012).

Color coding according to condition classes provided an intuitive overview of the condition of the area.

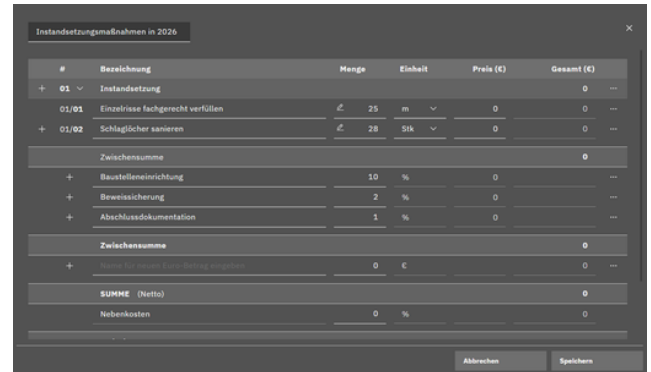
Result

BLG changed its approach from reactive maintenance to proactive, data-based management. Risks are identified at an early stage, operational safety is increased, and reliable cost assumptions significantly improve budget planning and long-term climate resilience.



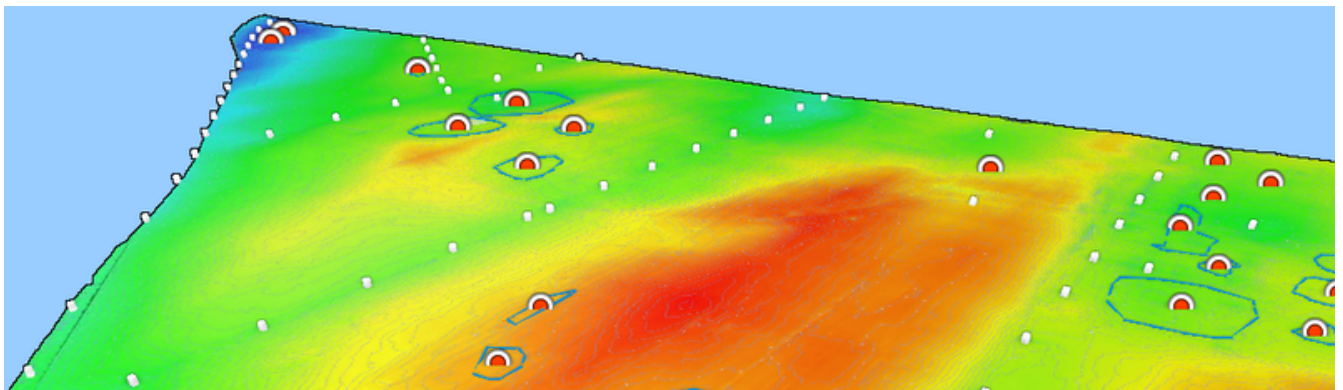
Nummer	Status	Teil	Erstelldatum	Schadensart	Class
1	Schaden	Asphaltfläche	10-04-2025	Eingelassene Flickstelle (EFLI)	
2	Schaden	Asphaltfläche	10-04-2025	Eingelassene Flickstelle (EFLI)	
3	Schaden	Asphaltfläche	10-04-2025	Abplatzung, Ausbruch oder Schlagloch (A)	
4	Schaden	Asphaltfläche	10-04-2025	Netzrisse (NRISS)	
5	Schaden	Asphaltfläche	10-04-2025	Einzelrisse (ERISS)	
6	Schaden	Asphaltfläche	10-04-2025	Eingelassene Flickstelle (EFLI)	
7	Schaden	Asphaltfläche	10-04-2025	Eingelassene Flickstelle (EFLI)	
8	Schaden	Asphaltfläche	10-04-2025	Netzrisse (NRISS)	
9	Schaden	Asphaltfläche	10-04-2025	Aufgesetzte Flickstelle (AFLI)	
10	Schaden	Asphaltfläche	10-04-2025	Eingelassene Flickstelle (EFLI)	

The platform displays all damage in a detailed list. Engineers can filter, sort, and prioritize measures—for the first time based on complete, valid data.



#	Bezeichnung	Menge	Einheit	Preis (€)	Gesamt (€)
01	Instandsetzung				0
01/01	Einzelrisse fachgerecht verfüllen	25	m	0	0
01/02	Schlaglöcher sanieren	28	Stk	0	0
Zwischensumme					0
+	Baustelleneinrichtung	10	%	0	0
+	Bewehrungssicherung	2	%	0	0
+	Abschlussdokumentation	1	%	0	0
Zwischensumme					0
+	(Netto) (Brutto) (Gesamt)	0	€		0
SUMME (Netto)					0
Nebenkosten					0

With just a few clicks, InfraCloud generates reliable cost estimates for renovations. This creates planning security, supports budgeting, and enables a transparent, proactive maintenance strategy.



InfraCloud offers powerful analysis tools to exploit the full potential of the measurement data. This view shows the elevation profile of the area, including marked rainwater inlets. Potential water accumulations can be identified as defects in the drainage system and marked directly within a very short time.

Impact in figures

- Early detection of critical damage
- Reduced maintenance costs
- Increased operational reliability
- Basis for long-term climate-resilient planning

Quote

"We used to work with a 2D renovation plan – now we can map our infrastructure in 3D. This represents a huge leap forward in terms of data depth and leads to more informed decisions."

— **Nils Herzog**, Project Manager, BLG AutoTec GmbH

Outlook

BLG is currently working with HydroMapper to further develop InfraCloud as a strategic tool for long-term infrastructure management, including more precise remaining service life forecasts and optimized drainage planning.

Intelligent solutions – precisely tailored to your structural requirements

Contact us

Let's talk about your requirements. We'll show you what's possible with InfraCloud.



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