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### Data protection compliant with AI-supported pixelation

**Dallmeier AI Pixelation for automatic object pixelation**

**Regensburg (Germany), 18 March 2025 – With the pixelation function “AI Pixelation” in SeMSy® Compact Dallmeier presents an innovative solution for data protection compliant video surveillance. Depending on requirements, AI Pixelation enables automatic pixelation of objects such as persons or vehicles – both in live streams and in the display of recordings.**

**Intelligent video analysis and privacy combined**

“AI Pixelation” is an innovative feature of the Dallmeier SeMSy® Compact video management software. In combination with an AI installed on the cameras, the so-called Deep AI object classification, various objects can be automatically pixelated.

Deep AI object classification is available on all [Domera® 6000 series cameras](https://www.dallmeier.com/products/domera-cameras) and all current [Picoline](https://www.dallmeier.com/products/domera-cameras/picoline-cameras) and [Panomera® models](https://www.dallmeier.com/products/panomera-cameras). Deep AI object classification is based on pre-installed neural networks and enables precise real-time analysis of video data. On this basis, the system reliably recognises relevant objects, such as people, and can then pixelate them on the client side in the SeMSy® Compact video management software.

Pixelation can be activated for defined user groups, both in live streams and when viewing recordings. However, the data in the recording itself remains unpixelated, so that people with the appropriate authorisation can view the original data at any time. In this way, AI Pixelation ensures privacy protection and compliance with legal data protection requirements, including the GDPR.

**More information:**

* [Data sheet “SeMSy® Compact”](https://www.dallmeier.com/fileadmin/user_upload/Downloads/Download_Centre_2.0/Product_Documents/04_General_Software/SeMSy_Compact/01_Specification/ds_SeMSy_Compact_en.pdf)

**+++ CAPTIONS +++**

**Dallmeier\_AI\_Pixelation**

With the AI pixelation function from Dallmeier, objects can be pixelated reliably and automatically.

*Photo credits: Dallmeier electronic*

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# Dallmeier: Turn images into assets.

**With pioneering video technology from Germany.**

In 1984, Dieter Dallmeier founded what is now Dallmeier electronic – not in the proverbial garage, but in a garden shed in Regensburg, Germany. Today, the company, which can justifiably call itself a hidden champion for video information technology “Made in Germany”, has several hundred employees worldwide, more than 250 of them at the company headquarters in the centre of Regensburg alone.

**Our customers: From commercial enterprises to World Cup stadiums**

Dallmeier’s camera, recording, software, and analysis solutions optimise security and processes for B2B end customers in a wide range of industries in over 60 countries. The focus is on users from the casino, smart city, airports, logistics, stadiums, and industrial sectors. But also, banks, critical infrastructure facilities as well as medium-sized companies from all sectors.

**Low total cost of ownership “Made in Germany”**

With pioneering innovations, Dallmeier has succeeded time and again in placing itself at the forefront of technology: From the world’s first digital image storage system with motion analysis in 1992, the patented “multifocal sensor technology” Panomera® with its “Mountera®” mounting system, to the latest Domera® camera family, which allows up to 300 camera variants with only 18 components. These and many other innovations provide real, tangible customer benefits. And with a low Total Cost of Ownership (TCO) and a high Return on Investment (ROI) they can easily compete with systems produced and supplied from low-wage countries.

**Cybersecurity, data protection and ethical responsibility through maximum vertical integration**

With 100% “Made in Germany”, we also guarantee our customers the highest standards in data protection, cybersecurity, and ethical responsibility. With high quality and short supply chains, we also ensure – almost incidentally – sustainability and environmental protection. From our prestigious headquarters in the centre of Regensburg, Dallmeier not only carries out its own research and development but also the complete manufacturing process – from component to product to solution.

[www.dallmeier.com](http://www.dallmeier.com)

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