

Faster through SMART SYSTEMS

By Katharina Schuld, Muehlbauer Group



KATHARINA SCHULD is International Marketing Manager at the German technology company Muehlbauer in Roding. Before moving to the Upper Bavarian Forest, she was responsible for the promotional videos and product catalogs of the well-known toy manufacturer PLAYMOBIL near Nuremberg. She graduated in Journalism and Business Communication at the University of Europe for Applied Sciences in Isenlohn, Germany and can now look back on 10 years of experience in internal and external communication, guerrilla marketing, video production and copy writing. Today she applies her creative ideas and the collected expertise to professional articles for the Muehlbauer Group.



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Its ability to capture individuals in random group formations – regardless of active cooperation – greatly enhances its effectiveness. The system can detect persons at distances of up to 12 meters, track and match faces up to 8 meters away (with a standard of 7 meters), achieving throughput rates three times greater than traditional eGates within the same physical space.

The pre-registration prior to crossing the corridor is possible with electronic Machine Readable Travel Documents (eMRTD) or digital IDs such as mobile Driver's Licenses, DigitalTravel Credentials, or Digital Travel Authorizations). The Seamless Travel Corridor can be seamlessly integrated with existing Border Management Systems (BMS), ensuring a smooth transition to more efficient border control practices.

Moreover, this system is cost-effective, using compact hardware for processing without the need for a full server. The corridor can be installed in blocks or segments, allowing for customization based on spatial configurations, and the models are self-trained using data that is completely free of licensing costs.

This innovative solution not only revolutionizes border management but also enhances the overall travel experience, ensuring both security and efficiency. ☑