ODİN
PROJE MÜHENDİSLİK A.Ş
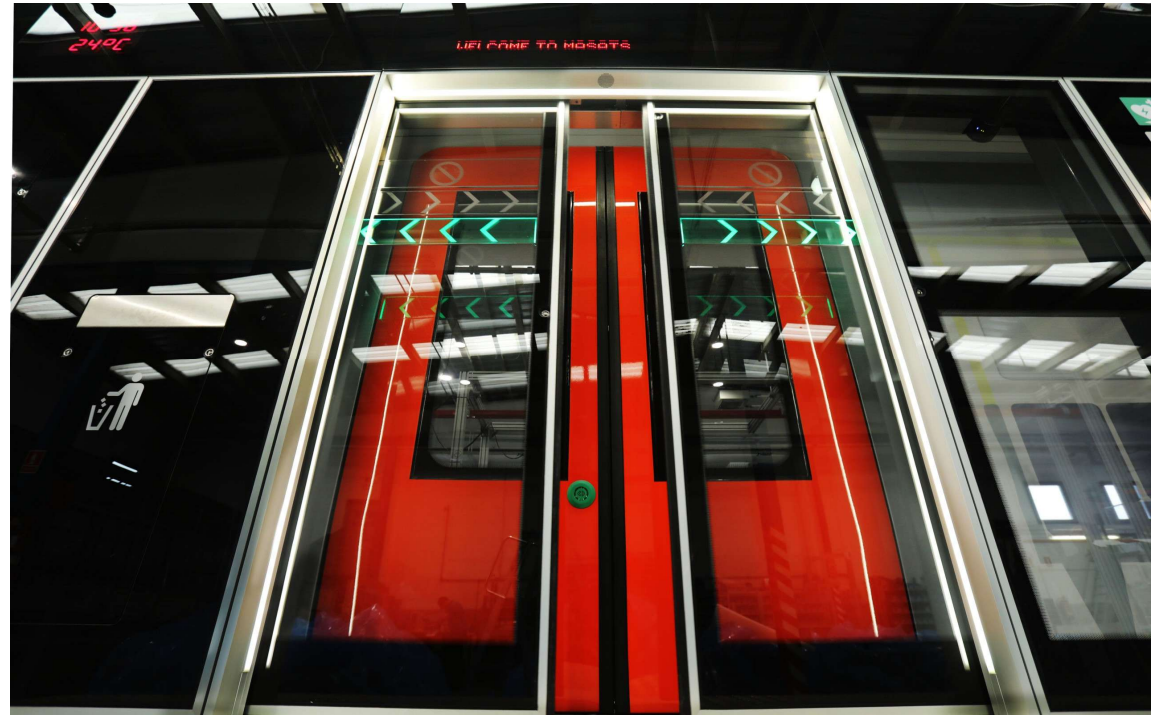
Platform Screen Door System for Autonomous Metros

Platform Screen Door System for Autonomous Metros

It provides safe, efficient, and rapid usage in metro, tram, or train stations, guarantees passenger safety, allows for enhanced platform utilization, and optimizes both passenger movement and safety-related parameters.

Platform Screen Door System for Autonomous Metros

Design?

Featuring a sleek and innovative design, the system delivers functional usability tailored to the needs of end users. After installation, the OMG Platform enhances user comfort through integrated advertising panels, a CCTV circuit, and optional electronic equipment.

Platform Screen Door System for Autonomous Metros

Security ?

The mechanism includes an advanced locking feature that secures the doors when closed. To support smooth and user-friendly movement of the door panels, a high-grade bearing system is employed. As a result, operational efficiency is enhanced while minimizing maintenance requirements and costs.

Platform Screen Door System for Autonomous Metros

System reliability ?

The OMG Platform can be integrated with existing signaling systems, but it is also capable of operating autonomously. In case of a malfunction, the door can be opened manually for intervention. This allows the platform system to continue functioning without a complete shutdown, and the faulty door can be repaired quickly. It is reliably used in both new and existing lines.

Platform Screen Door System for Autonomous Metros

The importance of implementing a PSD system ?

In 2023, 1,567 accidents were recorded across EU countries, leading to 841 deaths and 569 serious injuries. Of these, 58.4% were attributed to individual carelessness or sudden medical conditions. The integration of platform safety systems can significantly reduce or eliminate such risks.

Platform Screen Door System for Autonomous Metros

Advertising opportunities can be created on the fixed glass panels located next to the doors by incorporating LED displays or 2D banner spaces, effectively capturing the attention of thousands of commuters. This makes it possible to recover the investment made in the platform.

Platform Screen Door System for Autonomous Metros

With around 32 available spaces (2500x1750 mm) per platform, utilizing these areas as LCD displays can generate substantial advertising income, transforming the OMG Platform into a sustainable and profitable revenue model.

Platform Screen Door System for Autonomous Metros