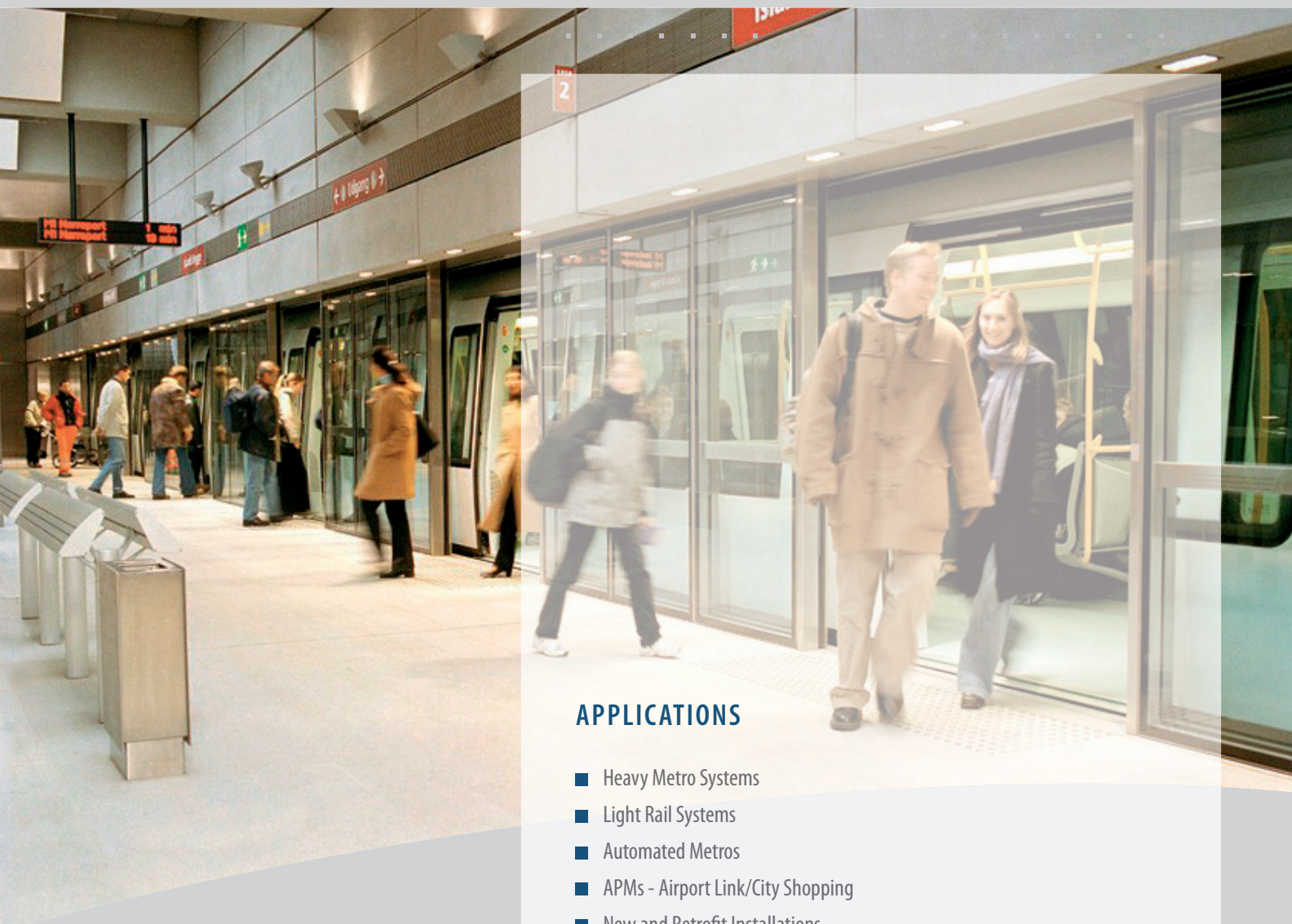


## Platform Systems



### APPLICATIONS

- Heavy Metro Systems
- Light Rail Systems
- Automated Metros
- APMs - Airport Link/City Shopping
- New and Retrofit Installations
- Underground, Over-ground and Elevated Platforms



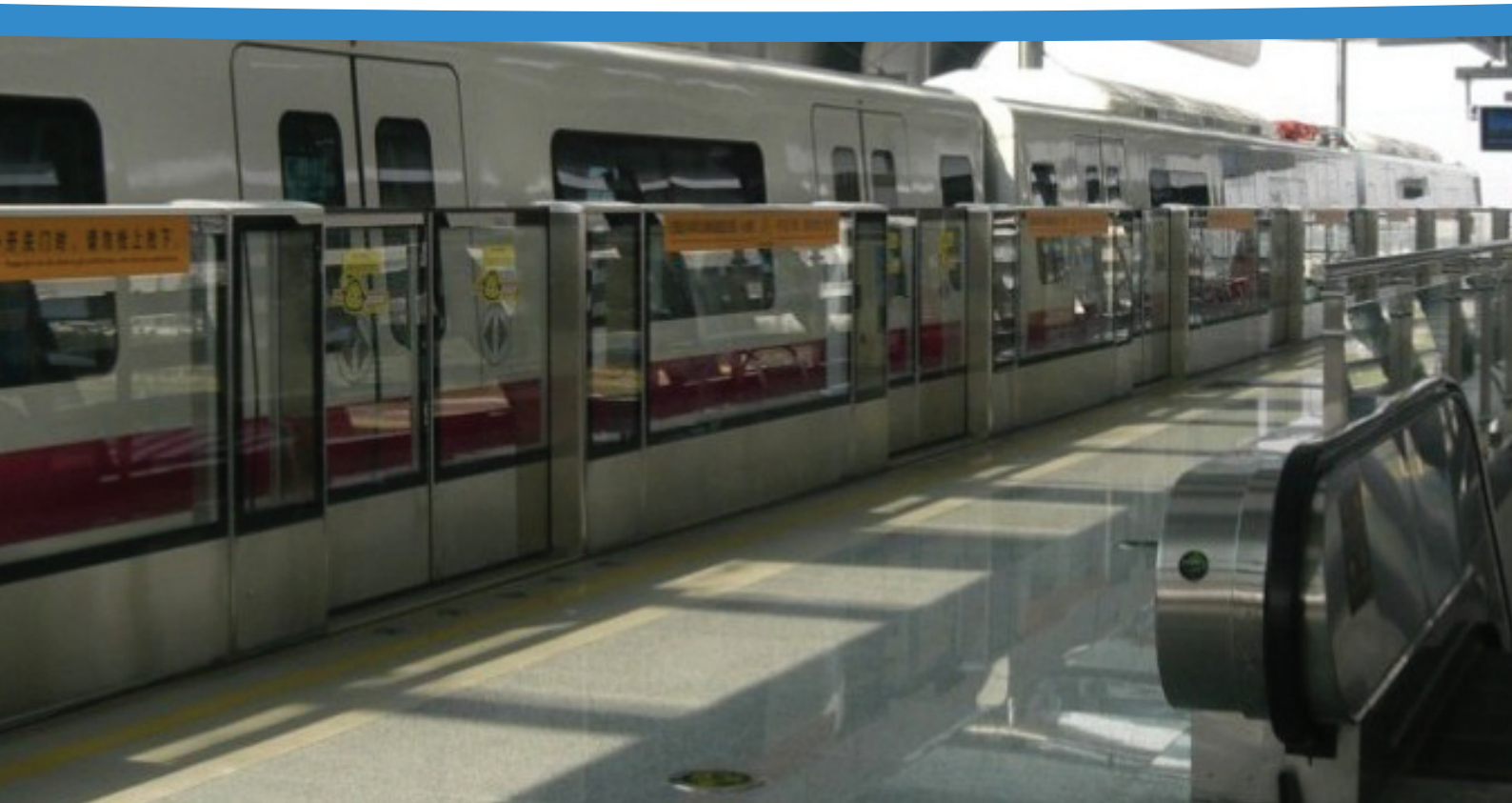
**WESTINGHOUSE**  
*platform screen doors*

# Westinghouse Platform Screen Doors

Westinghouse Platform Screen Doors (WPSD) is a company with global experience in the design, manufacture, installation and through life maintenance of platform screen systems.

- Design
- Manufacture
- New build or retrofit
- Over twenty years experience
- Proven and reliable technology
- Life long in-service support available
- Upgrades and enhancements
- Facilities in the UK, Singapore and China
- Member of the Knorr-Bremse Group





# Global Support Network

## LOCAL BUT GLOBAL

Wherever you are located in the world, WPSD expertise is available to you through the global network of Knorr-Bremse offices. Within these locations WPSD specialists offer you a local contact point. Through them customers can access the full range of WPSD products and services.

Local offices are supported by WPSD design, engineering and manufacturing Centres of Competence (CoC) located in the UK, China and Singapore.

The same level of expertise and support is therefore accessible for customers wherever they are located in the world.

WPSD design, engineering and project management teams work closely with station architects, signalling, communications and civil engineering teams to deliver bespoke designs which exactly suit the requirements of an individual metro system or platform installation.

# Products and Systems

## SOLUTIONS WHATEVER THE CHALLENGE

WPSD systems have proven service records across the globe. Whatever the environmental conditions, from the ice and snow of northern Europe to the sun and sands of the Middle East, WPSD systems continue to perform efficiently, consistently and reliably.

## FEATURES OF WPSD PLATFORM SYSTEMS:

- Specifically designed for rail applications
- Can be installed on new build platforms and in most cases, retrofitted to existing platforms
- Suitable for underground, at grade and elevated stations
- Option of Emergency Escape Doors
- Platform door operation matches train doors operation
- Additional passenger information and advertising potential
- Choice of stainless steel or aluminium construction

## BENEFITS OF WPSD PLATFORM SYSTEMS:

- Improved passenger safety
- Enhanced, cleaner and quieter station environment
- Enables safe automated train operation
- Operational efficiency enhanced
- Improved station patronage

## SUSTAINABILITY:

- Low energy consumption
- Reduced tunnel ventilation and loss of air conditioning effect
- Long service life
- Low life cycle costs
- High availability
- 99% of construction materials and 100% of delivery packaging is reusable and/or recyclable



# ENHANCED PASSENGER SAFETY



## PRODUCT SPECIFIC BENEFITS (BY TYPE):

### PLATFORM SCREEN DOORS (PSD):

- Full height screen work
- Full height systems offer the ultimate in platform enhancement
- Civil interface is at the platform and ceiling level
- Train noise is suppressed
- Economical air conditioning of the platform is possible
- Can be fitted new and, in most cases, retrofitted
- Option of Media Wall with Sound

### PLATFORM EDGE DOORS (PED):

- Screen work 2.3 metres to 2.5 metres high (typical)
- Allow free flow of air for platform ventilation
- Civil interface at platform level only
- Can be fitted new and, in most cases, retrofitted
- Option of Media Wall with Sound

### PLATFORM SAFETY GATES (PSG):

- Screen work 1.3 metres to 1.7 metres high (typical)
- Allows free airflow for ventilation
- Mounted directly onto finished floor
- Rapid installation
- Can be fitted new and, in most cases, retrofitted
- Option of Media Wall with Sound

## CONTINUED RESEARCH & DEVELOPMENT:

In addition to the core platform screen door and gate products, WPSD offer further safety and operational enhancements such as the WPSD Gap Filler and WPSD Media Wall with Sound systems.

## **rail**services

Through its specialist rail**services** service division, WPSD has the ability to maintain, service and upgrade your metro platform screen system wherever in the world it is located through flexible and customised service contracts.



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