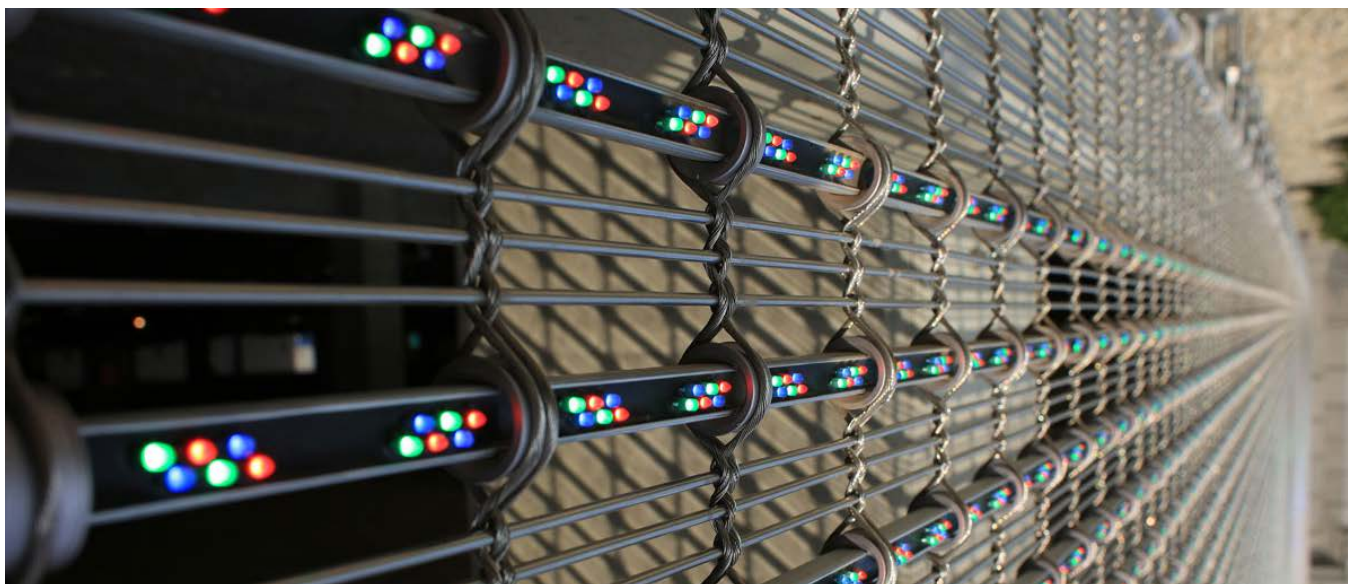
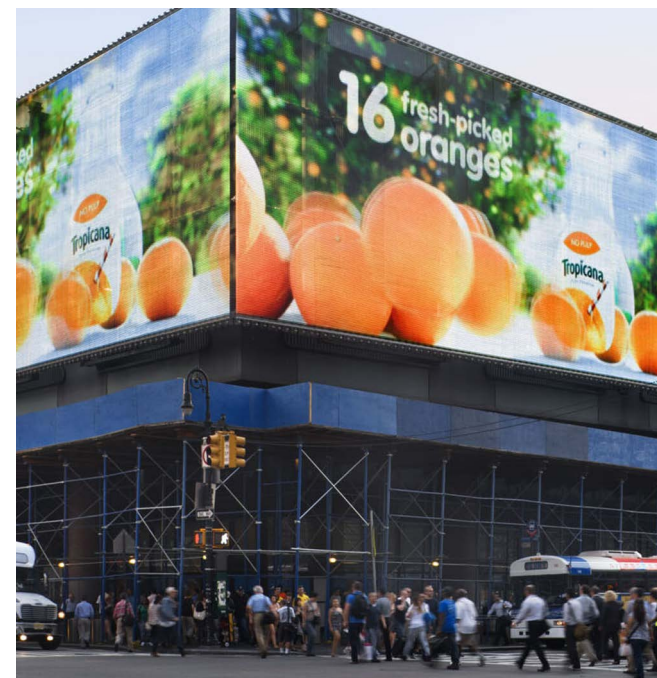


Media wall for the cladding of a bus terminal

New York, USA

Manhattan's well-known Port Authority Bus Terminal features a large-scale stainless steel media screen that wraps its way around the corner of 42nd Street and 8th Avenue. More than 1.325 million light emitting diodes (LEDs) are interwoven throughout a stainless steel fabric to project a high definition image. The installation, which is composed of 16 individual panels, forms

the largest transparent media facade in the world. The technology is durable and energy efficient. The electric and electronic components are sealed and work reliably in a temperature range between -20 °C and +70 °C (about -4 °F and +158 °F). Multiple LEDs per pixel ensure consistent image quality, almost independently of light conditions and viewing angle. In contrast to closed-surface panels, the woven metal solution provides sunshading and air flow as additional benefits. This type of media screen can also withstand wind speeds of up to 235 km/h (150 mph). The media facade added a new functional dimension to the bus terminal, which is used by 200,000 passengers twice a day.



Photos: GKD / Tim Griffith

Details

Environment:	Urban
Owner/developer:	Garage Media LCC / Port Authority of NY and NJ
Fabricator:	GKD, Düren, Germany
Stainless steel grade:	316 (EN 1.4401)
Product type:	Mediamesh® woven metal with integrated LEDs
Dimension:	560 m ² (6,000 ft ²)
Total quantity:	5 t
More information:	gkd.de

[Click here for more stainless steel in infrastructure](#)