Dallas Area Rapid Transit (DART) is a light rail and bus system serving the Dallas, TX region. It has 163 LRV trains and over 600 buses. The system also has 64 stations, many which utilize elevators clad in stainless steel.

**CLIENT ISSUE/CHALLENGE**

- Dallas Area Rapid Transit stations were being vandalized at an alarming rate
- Graffiti tags obscured glass panels and stainless steel clad interior surfaces of elevators in and around the stations
- Previous attempts at refinishing the stainless steel had left an unappealing, uneven look on the surface of the elevators
- Stainless Steel panels had experienced years of wear and tear, showing multiple dings and imperfections

**GRAFFITI SHIELD SOLUTION**

**METAL SHIELD**

- Opaque graffiti abatement film that replicates the look of stainless steel
- Proprietary adhesive that cleanly releases from the surface but withstands removal attempts from general public
- Protected the substrate from future damage while covering up any existing vandalism.
- Ability to survey uniquely-shaped surfaces enabled accurate measurement of inclinator elevators
- Precut pieces with unique part numbers for quick and easy identification and replacement
- “No Smoking” signs and certificates printed directly to film

**GLASS SHIELD**

- Clear, undetectable sacrificial coating on glass or other surfaces
- Proprietary adhesive that cleanly releases from the surface but withstands removal attempts from general public
- Precut pieces with unique part numbers for quick and easy identification and replacement

**PROJECT OUTCOME**

- Several elevators were able to be salvaged and through the use of Metal Shield, did not require replacement. Unfortunately, many of the stations required complete replacement of the elevator cabs, which will be covered in Metal Shield prior to public use to protect DART’s investment and ensure they stay in pristine condition
- The costs to resurface the inclinators had been quoted at over $12,000. Material and installation costs of the Graffiti Shield film solution came in under $2,300 per cab
- Training was provided for the entire maintenance group so that installation of damaged film can be coordinated internally