

# BEST PRACTICES

# BAY PARTITIONING STRATEGIES

Maintenance facilities are often not purpose-built for vehicle service, and if they are, they are likely designed with considerations primarily for petrol fuels - gasoline and diesel. A strategy that partitions a garage into alternative fuel and non-alternative fuel areas may save considerable time and expense.

Existing facilities may have ceiling geometries or space layouts that would make designing a cost-effective gas detection system difficult. A garage may have numerous paths of migration that would allow natural gas to flow in to adjacent spaces, pits, or to upper floors. A garage may simply be very large and the expense of upgrades would require a considerably long ROI (return on investment).

One solution that exists today is a vapor-tight natural gas barrier that can be used to isolate the bays that need to be upgraded. Clean Energy's Facility Modification division has developed the NGV Easy Bay™. Custom fabricated panels are scalable to accommodate a single bay isolation project or can be used to divide a large building into multiple bays for servicing or storing vehicles. There is a retractable option for convenient storage, and the panels can be relocated to expand an existing NGV service area. Once installed, the area can still service gasoline and diesel vehicles, in addition to natural gas vehicles.



[altfuelgarage.org](http://altfuelgarage.org)