



## Securing Areas With Limited Depth

Industry Group: ProGMA

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### The Opportunity

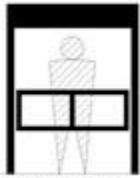
A large flavor and fragrance company needed to secure the ledges of their pallet drop areas. Employees were working at levels over ten feet off of the ground in order to accommodate the large hoppers being used in the operations. Employees picked from pallets at the ledge, and then dumped bags of ingredients into hoppers for processing; this operation invited employees towards to the unguarded ledges and lifting heavy bags of ingredients from that location. In addition, the material was comprised of food products, so any guarding solution would have to be manufactured out of stainless steel with specific sanitary requirements.

Perhaps most challenging, was the limited amount of depth on the platform due to the location of the hoppers, which were designed close to the ledge so the operator didn't have to move far to load the ingredients.

### The Solution

The [Tri-Side](#) safety gate, which uses fixed stanchions only 14" deep and a rear-side gate that cantilevers off of the stanchions and raises up and out of the way to provide access to pallets, was the safety gate model provided. The rear-side gate is interconnected and counterbalanced with a gate at the ledge so one gate is always in the closed position securing the area.

Lift tables were installed at the pallet drop locations to position the pallet at an ergonomic height while the pallet is unloaded by hand. The Tri-Side safety gates were designed to fit around the tables and the pallets, and were manufactured out of electro-polished stainless steel. The gate also included all stainless hardware and capped ends specifically designed to meet the end user's sanitary requirements.



An OPEN and SHUT Case  
for Plant Mezzanine Safety

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