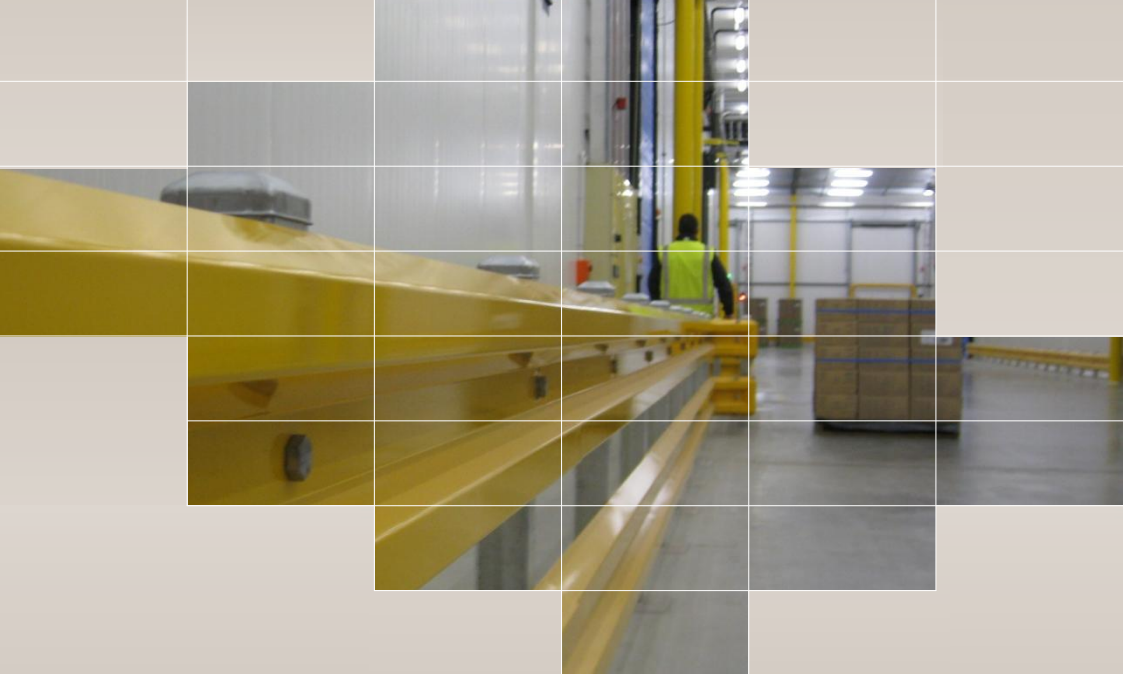




Incorporating: **EGMONT DOORS & totalDOORS**



TRAFFIC MANAGEMENT

CREATIVE SOLUTIONS TO COMMON CHALLENGES

TRAFFIC MANAGEMENT SOLUTIONS

A SERIOUS SAFETY ISSUE.

A burning question at every industrial site is how best to protect your pedestrians from the hazards of fast moving, heavy traffic.

Due to physical limitations of a site, it is not practical to make all pedestrian zones totally protected. There are always points where pedestrians must cross the path of vehicle traffic.

Where this hazard cannot be removed, it must be effectively managed and minimised. The challenge is to achieve adequate levels of protection with the least hindrance to productivity, and flow of people and vehicles throughout your facility.

Ulti Group provides a full line of Barrier System products that offer innovative solutions and proven reliability to these real life challenges.



ULTI FIXED BARRIER PROVIDES PROTECTION FOR MACHINERY AND PERSONNEL IN HIGH TRAFFIC AREAS

THE CURRENT SITUATION.

In-plant separation and protection, separating and defining work areas, walkways, and interior loading docks have long been a challenge for Plant Operations and Safety Managers.

As health and safety concerns increase, there is a growing awareness of the limitations of conventional methods:

- Yellow painted lines are a traditional means of defining pedestrian only areas. While these are low cost and easy to change, they offer limited visibility and benefit.
- Steel posts and fixed guard rail systems are commonly used at many sites. While these are effective where access to areas isn't needed or plant layout is not subject to change, they are somewhat inflexible and potentially costly to relocate as future needs develop.
- Chains are not effective visual or physical barriers for material handling equipment or personnel.

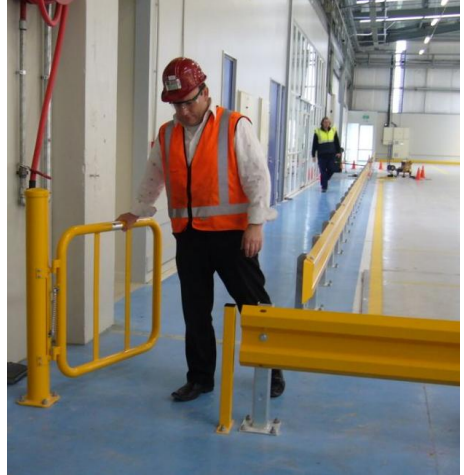
In this brochure we will outline some important factors to consider when assessing your traffic management systems.

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IMPORTANT CONSIDERATIONS

Where do traditional fixed barriers stand?

Ulti Group offers a broad range of fixed barrier systems and accessories. Fixed barriers are the traditional way to protect pedestrians from vehicle traffic. It provides a strong visual barrier, and is a robust option. The complete barrier system, when installed to certain specifications, is certified to stop a 4000kg forklift, moving at a speed of 3.5km/hr, 90° to the barrier. However, sometimes fixed barrier is costly, difficult and expensive to move, and perhaps hinders productivity and the flow of traffic at your site. Traffic patterns, the purpose of the barrier, and future needs all need to be considered when making your traffic management decisions.



ULTI FIXED BARRIER OFFERS HEAVY-DUTY PROTECTION TO PEDESTRIANS USING THE WALKWAY

Always think access!



SAFE-T-GATE® LIGHT DUTY PROVIDES AN EFFECTIVE SAFETY BARRIER WITH EASY ACCESS FOR PEDESTRIANS

On the surface, a traditional steel guardrail or immovable barrier might seem adequate in many situations. The choice might be appropriate for some circumstances, but not if the barrier blocks a high-access area. Always think about the need to get in and out of the area where the devices are being used. Newer safety barriers, barrier arms and gates are specifically designed to provide the appropriate level of protection, while also ensuring full access.

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Make it easy!

When it comes to virtually any safety device, ease of use is key. This is an especially important factor when deciding on safety barriers and gates that offer both protection and access. With some fabric barriers, for example, one person can remove and reposition the barrier in less than ten seconds. Likewise, some automated safety gates open and close at the push of a button. At the loading dock, some barriers can be interlocked with other equipment, such as doors and vehicle restraints, so that related components function as a single cohesive safety system.



SPAN GUARD™ BARRIERS ARE ROBUST, YET SIMPLE FOR ONE PERSON TO RELOCATE

Determine the stopping power needed.



SAFE-T-GATE® AUTOMATIC HAS A HIGH STOPPING POWER

Some barriers and gates are only meant to provide a substantial visual and physical barrier that guards against incidental material-handling equipment impacts. On the other hand, heavy-duty barriers and gates, such as the Automatic Safe-T-Gate, can stop a 4500kg forklift travelling up to 6km per hour. Know the differences and determine what is needed for your operation.

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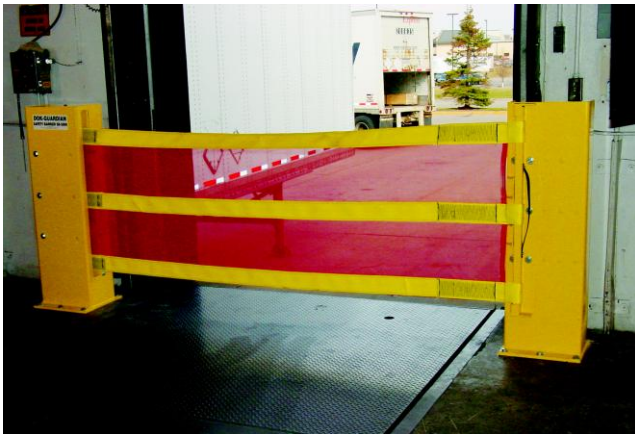
Leverage the power of visuals!

Stopping power is critical, but the importance of an industrial safety barrier's role as a visual barrier cannot be overstated. The stronger the visual message, the better, especially since the ultimate goal is to avoid a lift truck of any kind coming into contact with people, whether a barrier is in place or not. Equally important are visual messages that warn people to keep out of areas where their safety is at risk. Leverage the power of strong visuals with barriers and gates that communicate a clear message.



GUARDRITE® STRAP IS A COST EFFECTIVE SOLUTION TO PROVIDING A STRONG VISUAL MESSAGE

Don't get lulled into a false sense of security.



DOK-GUARDIAN™ HEAVY DUTY BARRIER USED TO PROTECT AN OPEN DOCK WAY

to use safety barriers and gates instead of chains, and therefore providing a much higher level of protection.

Drop-off areas, particularly at docks, are one of the most potentially devastating situations for industrial accidents, and yet some companies rely on a single chain across a dock door to meet health and safety compliance requirements. Don't be fooled — chains are not an effective visual or physical barrier for material-handling equipment or personnel. A better practice is

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Where safety barrier isn't practical.

Not all danger zones can be effectively controlled by barriers. In areas such as alleyways, doorways and blind corners, where there is interaction between pedestrians and vehicle traffic, the issue often comes down to visibility.

It is especially relevant to freezer environments, as freezer doors are not fitted with vision panels. Even traditional vision panels are not a reliable means for ensuring this safety, as they are often obscured by condensation, dust, grease or UV deterioration, and simply do not serve as an effective safety protection. Always consider the visibility at each intersection and path shared by pedestrian and vehicle traffic. Where there is limited visibility a Virtual Vision safety system may be the most effective way of managing this risk.



VIRTUAL VISION ALERTS PERSONNEL TO APPROACHING TRAFFIC WHERE THERE IS OBSTRUCTED VISIBILITY

What is Virtual Vision?



VIRTUAL VISION FITTED TO BOTH SIDES OF A FREEZER DOOR

The innovative Virtual Vision safety system provides vital prior warning to approaching pedestrians and other traffic. It utilises a combination of accurate long range sensors and high intensity flashing red LED Lights with control logic.

Motion sensors detect movement from up to 10 meters away from the door opening. When movement is detected, red LED lights the opposite side of the door, intersection or corner begin flashing, giving personnel valuable early alert to approaching traffic. The lights remain flashing until the traffic has either stopped or passed completely through the door opening.

The Virtual Vision safety system can be retrofitted to any existing door system, regardless of type or manufacturer – or even a non-door application.

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Plan for the long haul.

Once a barrier, gate or safety system is installed, the general idea is to keep it there for a long time to come. Yet the needs of the operation and the flow of materials throughout the facility will likely change in the years ahead. Prepare for the future by choosing highly configurable barriers and gates that are easy to install and relocate. This practice also pays off when it's time to change out damaged devices. The ability to quickly and easily adapt to almost any situation is essentially a given with the latest barrier and gate designs.

Invest wisely.

Avoid thinking that a safety barrier is only a safety barrier, especially if the goal is to use the budget wisely. This is especially true of traditional steel guardrails. These conventional barriers are not always the best solution for every application, since they sometimes provide more protection than needed for the cost. Given the wide range of choices, it pays to look at every option as part of the overall safety plan, and decide which provides the best value for money.

Tap the experts.

While many issues addressed by safety barriers and gates are universal, choosing the right barrier and/or the right combination of barriers and gates is not always a straightforward decision. There's no substitute for tapping the experts to assist with your selection of barriers and gates that contribute to a safe and productive work environment and effective traffic management. At Ulti Group, our consultants can help you to select the best products for your application while our qualified engineers and electricians are fully capable of installing these safety systems, we have the resources to provide complete turn-key projects. What's more, we love a challenge!



ULTI GROUP HAS COMPLETED MANY LARGE BARRIER PROJECTS AT MAJOR DISTRIBUTION CENTRES NATIONWIDE

Contact us today to discuss options available to you, and to arrange an on site visit to assist you and your health and safety staff in designing your traffic management control systems.



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