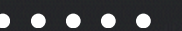




THE CHUTE SENTINEL

DETECT, DE-ESCALATE, DIMINISH

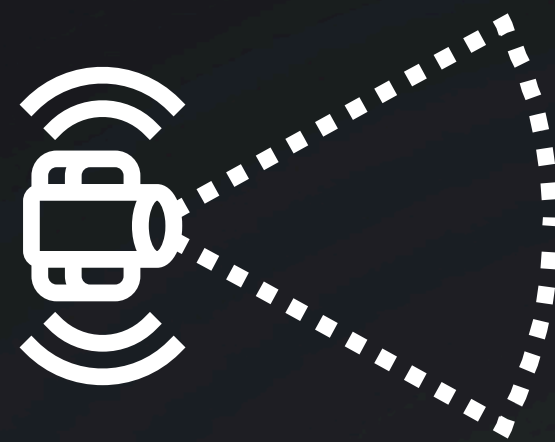
 **AUSPAC**DISTRIBUTION



OVERVIEW

Garbage chutes are a vital part of any commercial, and/or residential high-rise.

But with frequent blockages, hygiene issues, and pest problems, they can be a major hassle to keep running smoothly. That's where the Chute Sentinel comes in. Utilising advanced IIOT sensor technology, the Chute Sentinel can provide real-time information on blockages and their whereabouts as soon as they occur. This instantaneous detection allows for alerts to go out to their respective parties within moments of the blockage occurring minimising the overall damage caused.



DETECTION



DE-ESCALATION



DIMINISHMENT

By using these three things, the Chute Sentinel ensures that your chute isn't garbage.

HOW IT WORKS

The Chute Sentinel works through the use of IIOT Sensor Technology driven by the computational unit of the Sentinel.

Our IIOT Sensor Technology is an array of different industrial sensors connected to form an almost “industrial sentinel” keeping an eye on your chute. This sentinel provides an abundance of different data points that can be used to evaluate your chute instantaneously. Sensors are connected together via the computational unit meaning that when a blockage happens, you’ll know about it straight away.

Along with this, our Bin Room Management services found in Tier 2 (see pg.5) utilise machine vision to alert the owner of bin levels and spillages thereby reducing the overall risk of the management units failing and creating unhealthy conditions. Tier 3 (see pg.5) includes the use of wireless refuse door locks which allow for instant closure of specific or entire floors’ refuse doors preventing further build-up.



BENEFITS



Reduced Downtime

By instantly and directly notifying the respective parties, the Chute Sentinel informs the owner of the location of the blockage, allowing prompt response to the affected location and allowing restoration to commence in the shortest possible time frame.



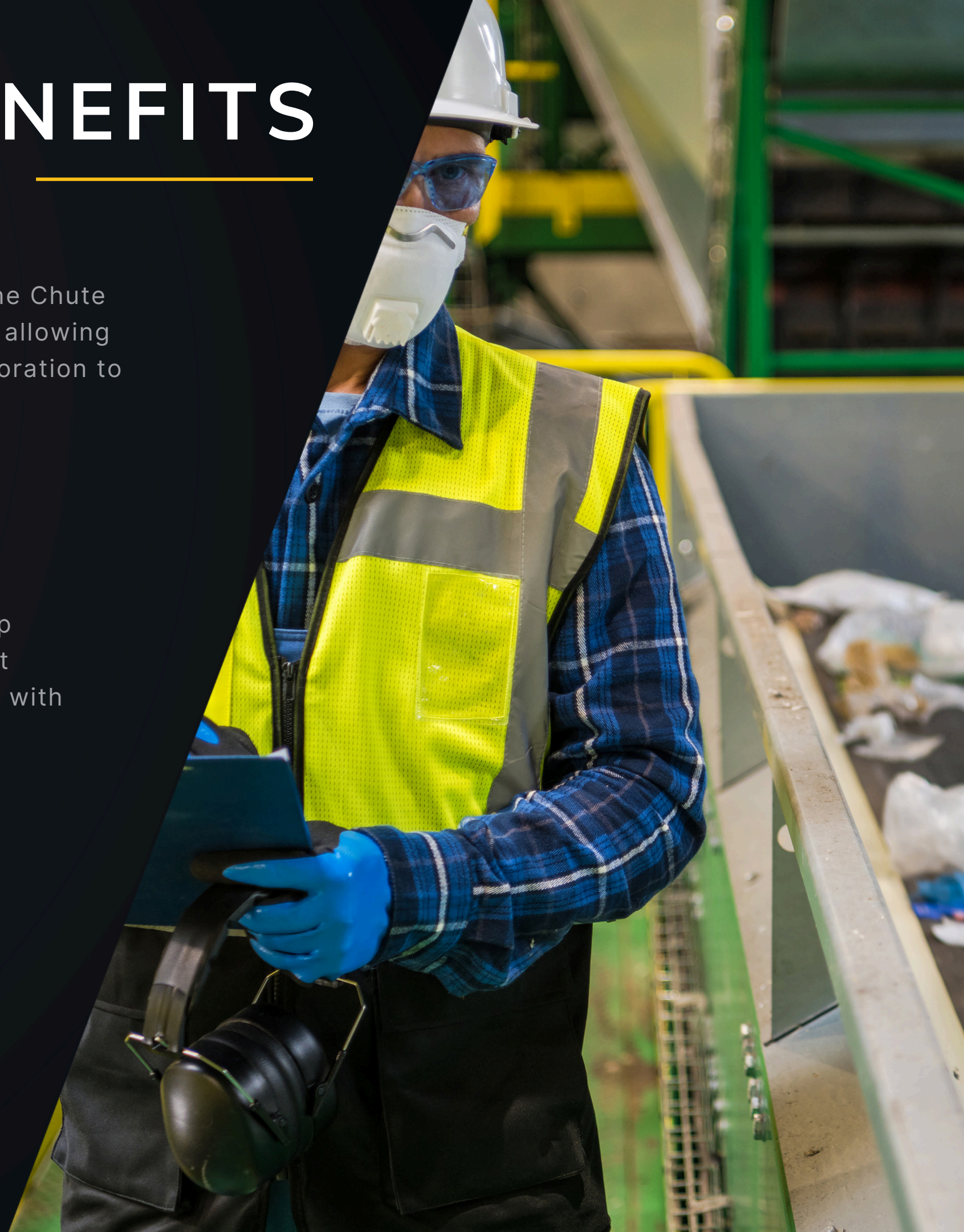
Improved Hygiene

Preventing blockages also prevents odours from building up with our odour control systems, along with keeping pests at bay with and many other hygienic benefits that come along with the Chute Sentinel.



Enhanced Safety

Reducing blockage duration assists in removing personnel from working extended periods of time in difficult and dirty positions. Also preventing the possibility of more dangerously large blockages from building up.



OUR TIERS

Our tiers each offer different services that can help you with your waste management, just because one tier is lower than another one, it does not necessarily mean that the tier is cheaper or lesser. Each tier provides certain solutions to certain problems, which when combined, help to solve your garbage management needs. Contact us today to learn more about our tiers!

Tier 1

Chute Sentinel:

- Head unit installation
- Blockage localisation and alerts

Tier 1 gives you peace of mind knowing that when a blockage occurs, you will know immediately due to our IIOT Sensor Technology and can respond accordingly.

Tier 2

Bin Management:

- Bin room unit
- Spillage detection and alerts
- Intelligent compaction (if compactor is available)

Tier 2 further builds on the minimisation of problems within the garbage systems, alerting you of spillages and bin levels with ease. Utilising machine vision, we can detect and inform you of anomalies allowing you to quickly restore function.

Tier 3

Floor Monitoring and Control:

- Sensor driven refuse door locking
- Reporting tool
- Intelli-lock (Under Development)

Tier 3 provides a means for the Building Manager to lock individual or all floors' refuse bin doors when a blockage has been detected. This allows prompt cleaning without the risk that more rubbish will be dumped on top of the blockage. These systems can also help to inform the owner of a possible culprit to a blockage allowing for more accountability to fall onto tenants.