FORTECHO™ INDUSTRY: Case Study
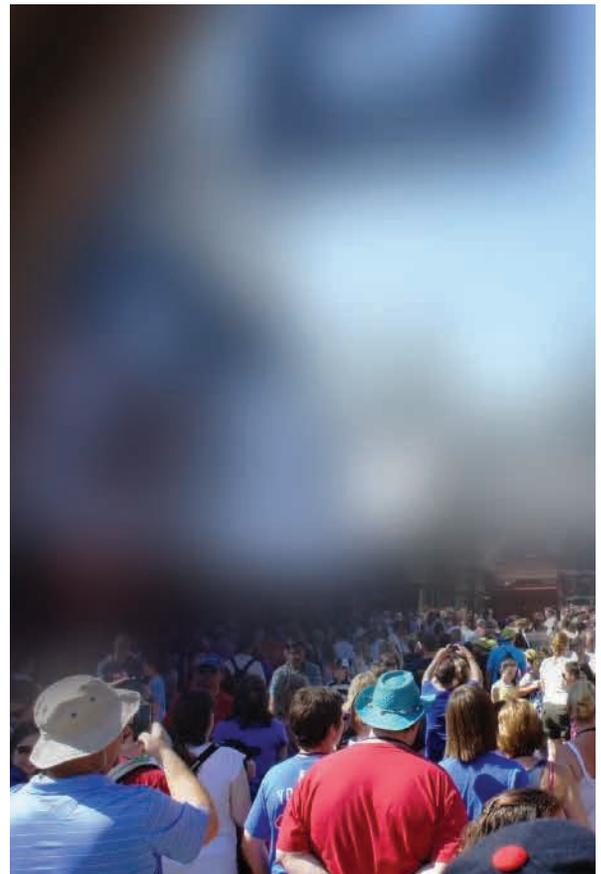## Protecting Film Props and Crowd Control at a large Studio Tour

The Company

Big film franchises have given birth to lucrative studio tours of the film sets on both sides of the Atlantic. Fortecho was asked to look at innovative ways to secure the assets on site without compromising the visitor's experience. Footfall through these sites can be upwards of 3,000 people a day, as many visitors as a national museum. The film props created for these franchises are extremely valuable as can be seen from auctions of memorabilia - Marilyn Monroe's dress from The Seven Year Itch was sold for $4.6 million; Luke Skywalker's light sabre for $240,000. Most props are unique one-offs and are irreplaceable.

Business Challenge

- Film studios are vast open areas with high ceilings with multiple room sets in a single studio.

- The client wanted visitors to fully immerse themselves in the actual room set, and experience first-hand what it might have been like to be there, but without getting too close to the actual props.

- The room sets are just as, if not more vulnerable, in the grey hours before and after visitor opening times.

- The objects are all shapes and sizes, and damage is just as important as theft.

- A system was required that warned people away from objects without them feeling like they were in an art gallery with high security levels.

- The system needed to be integrated with a pager system so that the 'Inter-actors' could be warned if there was an alarm in their area.

The Solution

Fortecho Solutions installed the Fortecho Industry system inside two film studios providing total coverage of the room sets and other visitor experiences.

- Thresholds to room sets are monitored with a combination of laser scanners and volumetric PIRs to detect infringements into the area.
- Tags have been installed in and alongside objects that will detect movement.
- Pressure sensors have been installed to detect if props are lifted from flat surfaces.
- Sounders have been installed in ceilings above room sets emitting an audible alarm when the system detects intrusions.
- Portable pagers have been issued to staff and duty managers that receive comprehensive alarm data in real-time.
- The Fortecho software is on the studio's network: alarms are monitored from numerous PCs, and those managers with privileges can swap and edit sensor details and settings.

ROI

- All props and assets are secure, ensuring day to day continuity, and peace of mind.
- The most valuable assets are audited every 30 seconds.
- The system is flexible with the ability to move sensors to different locations depending the perceived threat.
- Integration with all existing security systems.
- Fewer security personnel required per area.
- Best possible visitor experience.

Customer Testimonial:

""We've had the system for less 6 months and it's already prevented the theft and potential damage of several items. At this rate, the system will pay for itself within 18 months."

- Anon. , Head of Facilities and Visitor Services.