



# Case Study

## LOMA SYSTEMS HELP PRODUCTION FLOW SMOOTHLY AT STREAM INTERNATIONAL

Loma Systems quality inspection equipment is helping international computer software manufacturer Stream International ensure that all manuals dispatched to customers contain the correct number of pages.

Three Loma Systems checkweighers are installed at Stream International's Dublin-based printing and binding facility where they are being used to check that individual manuals contain the correct number of pages and that packaged kits include the correct number of manuals.

Two checkweighers are installed on fully integrated binding lines and another is installed at the end of line after an automatic shrinkwrapping machine.

Situated immediately after the binding machine and before the page trimmer on separate lines, two Loma Systems 6000 PWT checkweighers check a variety of manuals weighing between 100g and 2kg to ensure no pages are missing.

Each manual is made up of sections of pages which are inserted in order and then bound. Once bound, the manual passes over the Loma Systems checkweigher which identifies and automatically rejects any manuals which do not fall within the correct weight limits.

Any manuals containing too many or too few pages can be immediately removed from a line without requiring production to be interrupted. The machines are in use 24 hours per day, five days per week and operate at speeds of up to 7,500 bound manuals per hour.

The third Loma Systems checkweigher is situated at end of line where it is used to check shrink wrapped kits of two or three manuals. Operating at speeds of up to 2,500 packs per hour, the Loma Systems inspection equipment ensures that each package is complete.

"With important computer software and hardware customers worldwide, the quality of our products is top priority," says Paul McEnaney, Production Services/Quality Assurance Manager for Stream International in Dublin. "If a package is one manual short, it can result in the costly return of an entire consignment.

"The installation of Loma Systems checkweighing equipment provides us with the ideal solution to our quality inspection requirements. Previously, product inspection was time and labour consuming, being carried out manually and only at end of line."



## Loma Case Study

---

"Since installing the Loma Systems equipment, we have found the quality of the finished product to have improved enormously.

"In addition, they are very reliable, which I consider to be vitally important in a high volume manufacturing plant such as this."

---