

Case Study: Precision Ring and Track System for Electronics Industry

<https://www.hepcotion.com/videos/case-study-precision-ring-and-track-system-for-electronics-industry/>

Video URL: <https://www.youtube.com/embed/YS2VldSbtog>

An impressive example of robots and continuous linear motion being used for maximum efficiency. This Chinese manufacturer of Radio Remote Units needed to increase production rates and improve the quality of the assembly process. This involved totally automating the assembly to include the sub-processes such as fixture / closure location together with accurate positioning and installing the PCB's within the enclosure. The use of a HepcoMotion track system ensures that the fixtures are in the right position prior to components being located and will allow a fully automated solution. The improvement in throughput comes from the reliability and consistency of the combination of two proven technologies working in harmony with little if any maintenance requirements.

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