

Retractable Camera: From concept to manufacture

The Challenge

For sensitive locations, the professional AV market needed a high performance, silent, reliable and cost effective camera solution which could gracefully and silently be retracted into ceilings when not in use but also be rapid and 100% reliable in deployment. Existing solutions were large, noisy and unreliable.

Benefits to the Customer

Using Titan Integrated Servo Drives as a core, Overview was able to meet the customer's exacting needs with an innovative and protected mechatronic solution and deliver against a three month concept-to-market launch timescale providing the design, development and manufacture of an innovative and market leading solution in the Audio Visual space.

Overview's Approach

After a rapid requirement assessment and concepting phase with the international customer, Overview proposed a number of options with the "Chameleon" a clear favourite on grounds of aesthetics and it's "3 axis motion" with only two drives.

After an agile collaborative development process, including preliminary and critical design reviews, Overview delivered pre-production samples for market proving and then rapidly moved to qualification and full-rate production.

