



TIA CASE STUDY

PANASONIC FZG-1 SECURE TABLET

As part of our internal product development program, TIA researched several OEM secure tablet options suitable for modification to incorporate the accredited VIASAT Eclipt SSD.



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The potential donor units were assessed based on their technical specification (including options), user friendliness, rugged OEM design and affordability. We finally settled on taking forward the Panasonic FZG-1, developing solutions for each mark of the product available.

With a key driver from the outset being to minimise the profile and space-envelope for incorporating the 2.5" drive, we looked at the real-estate available on the back of the product and the best location for the drive enclosure; one that would allow continued use of the OEM docking station.

An important requirement for our design was to maintain the integrity of the OEM environmental certification through the use of EMC/environmental gaskets and to maintain a robust electronic profile.

Having bench-tested our proposed solution, we rapidly built a prototype and gave it to a potential customer for thorough assessment – they were thrilled with the solution and we made our first sale very quickly thereafter, productionising the secure Panasonic FZG-1 tablet which has been deployed and working well for over a year with a UKMOD end-user.



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