

## Case Study – Sittingbourne Data Centre - UPS

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**End User:**  
Insurance  
**Project Manager/Contractor:**  
Wates  
**Project:**  
Sittingbourne Data Centre  
**Equipment:**  
6 x 500kVA & 1 x 300kVA Astrid Titan



This data centre provides back up and remote access should there be a major outage at any of the other centres. It's built on Tier 4 operation with 3 x 1400kVA Generator operating in N+1. UPS Systems are operating in N+1 and 2N with Load Bus Synchronisation between the 2N. A further 2N UPS Systems will be added as the site expands.

Due to the large number of UPS Systems providing the Tier 4 operation the customer selected the AVK Titan UPS systems. The TITAN offers IGBT Rectification removing the problems associated with Harmonics caused by Thyristor Rectifiers used by others when on Generator.

To find out more about AVK control systems or generators please contact us on 01628 503900 or visit our website [www.avk-seg.co.uk](http://www.avk-seg.co.uk)