



## Maidstone TV Studios

1 x Riello MHT 300 kVA + 2 x K1BB + Accs  
2 x Riello MHT400 kVA Single Phase UPS  
+ Battery Packs

**M**aidstone TV Studios (Custodian Data Centre) asked Harland Simon UPS to provide a UPS system capable of supporting 300 kVA / 240kW for approximately 6 minutes. HS UPS were asked to pull out all the stops to deliver and install the UPS system within a matter of weeks.

The UPS system needed to operate alongside an existing modular UPS system, which was already installed at the site. The server racks on this floor of the data centre have to be kept operational in the event of any AC mains failure, until the generator supply kicks in.

Following an initial site survey, to determine loads and space availability, Harland Simon was able to offer the Riello MHT300 + 2 x battery packs. The UPS as well as being available on a quick lead-time also met with the customer's full specification, including high operating efficiency to save on energy costs.



Maidstone Studios has been involved in technical service and infrastructure provision for 30 years and combined with the growing demand for their data centre services the Custodian Data centre was created. While remaining competitive they must offer 100% power continuity and so have to provide a cost effective and reliable power back up solution, which Harland Simon UPS Ltd provides.



Within a short period of the above installation HS UPS was asked to supply 2 x Riello MHT400 KVA UPS's. Due to the tight space restraints, for this installation, Harland Simon provided open battery racks each fitted with 3 strings of batteries.

Neil Sydenham, Project Manager HS UPS, said *"based on the urgency of the job, we worked with the OEM to get the equipment ordered and delivered to site at the earliest opportunity in order for our client to get on with the AC installation for both systems. Our engineers then attended site to assemble the battery racks and once the AC work was completed, they attended to the DC wiring and carried out the commissioning of both*

*systems. There were a few technical issues along the way, but these were ironed out with our engineers and the technical team. All in all, a good job well done and in a good time frame too."*



*"The search for our UPS requirement lead us to Harland Simon UPS who provided us with a cost effective and reliable power backup solution to our growing data centre in a short and fast amount of time while meeting our specification."*  
Rowland Kinch, Maidstone Studios/Custodian Data Centres.

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