



Vodafone Portugal Reference Deployment with Brilliant Telecom

Brilliant Telecom Inc (BTI) has been working with Vodafone for over two years regarding the planning, design, testing and deployment of a commercial IEEE1588 technology platform in Portugal. BTI has been engaged throughout the process and was heavily involved with both Vodafone Group and Vodafone Portugal in lab/field testing prior to the launch of the service and since then both parties have worked together in partnership to continue to develop the solution in co-operation with several new features delivered by BTI specifically for Vodafone.

Vodafone Portugal have taken delivery of an end to end Brilliant Telecom IEEE1588 solution and are now deployed at nearly 1,000 cell sites and several core Grandmaster sites which are split into domains. The operational processes have been refined over time and Vodafone Portugal can now deploy over 20 cell sites a week with remote configuration of BTI slave equipment. Brilliant Telecom has delivered a turnkey solution to Vodafone Portugal which includes

The performance of the solution has been above expectations and has delivered a very robust and reliable solution well within the Vodafone SEC Mask for over two years.

“Although the migration to Ethernet allows us to achieve considerable cost savings, it also poses the challenge of ensuring synchronization to our basestation sites. Our cellular networks require accurate synchronization signals to minimize interference among sites and to ensure optimal inter-cell handover performance. The flexibility of the Brilliant solution has proved strategically important for us as it can be used with any type of Ethernet connectivity— either self built or leased from fixed carriers—additionally, it is capable of synchronizing future 3G IP and 4G basestations as well.”

- CTO, Vodafone Portugal

Contacts at Vodafone Portugal to act as a Reference for Brilliant Telecom

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