



Listen well - Design accordingly - Execute flawlessly

WIRELESS HEALTH CHECK

- Business Perspective -

VAST Solutions acknowledges that the way that businesses operate is evolving to a more mobile way of working. The “Workspace of the Future” has three key elements—being mobile, always being connected and being secure.

Users are no longer tied to a physical desk, or even an office; their laptop now hosts all that is required to be connected, including the desk phone. This is allowing users to be mobile no matter the location.

Location independent networking is the new way of working and VAST Solutions is here to assist on that journey.



Navigating the evolution of the workspace has many aspects, end user workflows changing, hot desks being more common than not, the adoption of the Cloud has been exponential, users are in need of seamless connectivity between sites, fault tolerance is low and network security frameworks are becoming more challenging to maintain.

This evolution of the work place has applied more pressure on the IT team than ever before, ultimately its seen as their duty to provide fast and seamless connectivity to all applications, in all areas and locations whilst maintaining the security framework to ensure that no data is compromised, right? Security, at any level, has the potential to be challenging to uphold; through more than 9 years of experience in the industry, VAST Solutions has seen that approximately 82.7% of wireless networks have an element of vulnerability to them which has the potential to expose sensitive data.

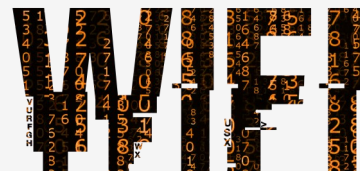
VAST Solution’s always approaches a Wireless Health Check with a discussion around business requirements—without the business requirements being understood, how can an engagement be relative and effective? The Wireless Health Check has three core elements, RF Survey, Configuration Review and Security Review—all discussed on the Wireless Health Check Technical page.



RF Survey



Configuration
Review



Security
Review



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WIRELESS HEALTH CHECK

- Technical Perspective -

VAST Solutions has designed the Wireless Health Check to give customers a powerful insight into their existing Wireless solution from multiple aspects, including the RF environment, wireless LAN configuration and wireless LAN security framework. The single document deliverable will host all information required to either verify the current understanding of the wireless LAN solution, or what is required to uplift the solution to be inline with business requirements.



Wireless Surveying is a vital component of the Wireless Health Check. The surveying process includes all areas occupied by the customer and will capture all wireless and non-wireless data. This will provide various valuable metrics such as signal strength, signal to noise ratio and interference levels for all areas surveyed. The process will also help identify any potential non-infrastructure access points that might be present including their approximate location and impact to the infrastructure wireless LAN solution. Capturing the data correctly is vital in ensuring the output provided is accurate to the customers wireless environment.



Business requirements, end user workflow and applications all evolve over time, and often the wireless LAN infrastructure configuration does not follow suit with those evolutions. Part of the Wireless Health Check is to review the wireless LAN configuration in full to ensure that it is aligned with the customers business goals, vendor and industry best practices. The findings may not only include configuration optimisation , but may discover how workflows can be improved upon to better the end user experience.



Wireless is an unbound medium which is capable of travelling, and therefore being accessed, at great distances—this makes security vital. The Wireless Health Check will go through various elements of wireless security that are relevant to the customer such as approximately locating non-infrastructure and rogue access points, wireless LAN security configurations and guidance on how to configure supplicants. Ultimately, VAST Solutions design and deploy wireless solutions as if it was visible by all. This is to ensure that the best possible security framework has been implemented ensuring the network is protected from unauthorized access.



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WIRELESS HEALTH CHECK

- The Deliverable -

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