

WiFi Optimisation

Checklist for Construction Companies

SITE SURVEY FOR WIFI COVERAGE

- Take a good look around your site to see if there are any WiFi coverage issues. Plan where to put your WiFi devices or wireless access points for the best coverage.

OPTIMAL WIFI DEVICE PLACEMENT

- Use mesh networks or additional wireless access points in larger spaces to make sure you have strong and reliable WiFi coverage in all areas.

IDENTIFYING WIFI INTERFERENCES

- Look out for anything that could interfere with your WiFi signal, like heavy machinery blocking signal path, HV electrical equipment or devices operating over RF.

REDUCING ROUTER INTERFERENCES

- Reduce interference from other wireless networks by minimising the amount of sub-contractor routers being used to optimise your WiFi channels and to make your connectivity better.

FLEXIBLE WIFI SYSTEM PLANNING

- Plan and set up your system so it can be moved or changed as your construction site changes.

PORTABLE WIFI EQUIPMENT USE

- Use portable WiFi equipment that you can move and adjust easily to fit the changing needs of your construction site.

POWER ASSURANCE

- Check if you have a reliable power supply on your construction site. Think about a UPS or backup solution to keep your WiFi running even if the power goes out.

SECURING YOUR NETWORK

- Keep your WiFi network safe by changing default passwords, using strong encryption, and controlling who can access it.

STAYING CURRENT

- Keep your WiFi equipment up to date by regularly updating with latest firmware.

BUILT TO LAST

- Choose ruggedised or at least IP65 rated WiFi equipment that can handle the tough conditions and dust on a construction site.

MAINTAINING OPTIMAL PERFORMANCE

- Make sure your WiFi equipment stays cool and clean to keep it working well.

SCALABILITY CONSIDERATIONS

- Think about whether your WiFi can handle more devices and more people as you go through different build phases.

Need Expert Help?

Contact the Fli-Fi team for customised solutions that guarantee reliable high-speed internet connectivity and improve your office experience today.