Transform your existing CloudMesh™ Gateway into an enterprise-grade Wi-Fi controller with the CloudMesh™ Wi-Fi Autopilot. This automated Wi-Fi intelligence solution addresses home network Wi-Fi spectrum management, dynamically adjusting and optimising Wi-Fi performance to the environment inside of end-user’s home.

AUTOMATED WI-FI ISSUE RESOLUTION
The end-user’s Wi-Fi environment is constantly scanned and analysed with the Wi-Fi Autopilot. If any detrimental changes are detected, the Autopilot will adjust the CPE Wi-Fi parameters. Any action taken is based on a patented and weighted algorithm ensuring that the internet connection experience is not compromised. The Autopilot is constantly synchronised with the Wi-Fi analytics cloud that is using sophisticated machine learning techniques to detect and recognise historical patterns and then apply Wi-Fi changes, preventing future interference.

HIGHER SUBSCRIBER RETENTION RATES
The home Wi-Fi network is a critical component of overall Internet service experience. Utilising advanced data analytics and auto-optimizations the CloudMesh™ Autopilot dramatically improves Wi-Fi performance on existing devices. This creates better customer satisfaction improving subscriber retention rates and making your internet service stand out from the competition.

COST-EFFECTIVE UPGRADE OF EXISTING FLEET
The CloudMesh Wi-Fi Autopilot is designed for a seamless upgrade and future-proofing of an existing fleet of devices without a costly change of hardware. The Autopilot’s ability to collect and analyse data is a foundation for other products in the CloudMesh™ family:

- CloudMesh™ Wi-Fi Analytics Platform allows you to provide superior service assurance with real time visibility and control

Boost your service Wi-Fi performance and lower support costs with our brand-new suite of CloudMesh™ products.
**PRODUCT OVERVIEW**

**PERFECT FOR**
- ISPs who get an overwhelming number of Wi-Fi related support calls every day
- ISPs looking to provide end-to-end Internet connection service assurance to their customers
- ISPs searching for tools to improve their subscriber's experience

**FEATURES AT A GLANCE**
- Seamless provisioning and deployment
- Efficient network performance optimisation through patented, intelligent algorithms
- CPU-intensive algorithm processing is done by the cloud
- Intelligent Wi-Fi client roaming and steering
- Wi-Fi Environment analysis and patterns recognition
- Dynamic radio resource management
- Channel and link quality assessments
- Coverage hole detection and mitigation
- Dynamic intelligent auto-channel with background channel scans and TX-power adjustment

**HEAD OFFICE US**
**Casa Systems**
100 Old River Road, Andover, MA 01810
USA | +1 978 688 6706

**AUSTRALIAN OFFICE**
**Casa Systems | Access Devices**
18-20 Orion Road, Lane Cove
NSW 2066, Sydney
Australia | +61 2 9424 2070

www.casa-systems.com