



## NetTester:Defender Probe Measuring Your Customers Experience, Network Wide.

We recognised a need in the telecommunications arena for a scalable product that enabled network wide testing of the customer experience. So we created it.

NetTester:Defender Probe is a unique product to the market and has been developed to test the capabilities of triple play access networks. NetTester:Defender Probe provides a cost effective solution that can be used across the network to test end-to-end performance, enabling more network to be tested for less.



- Developed to meet the requirements of triple play access providers
- Distributed probes, which are centrally managed

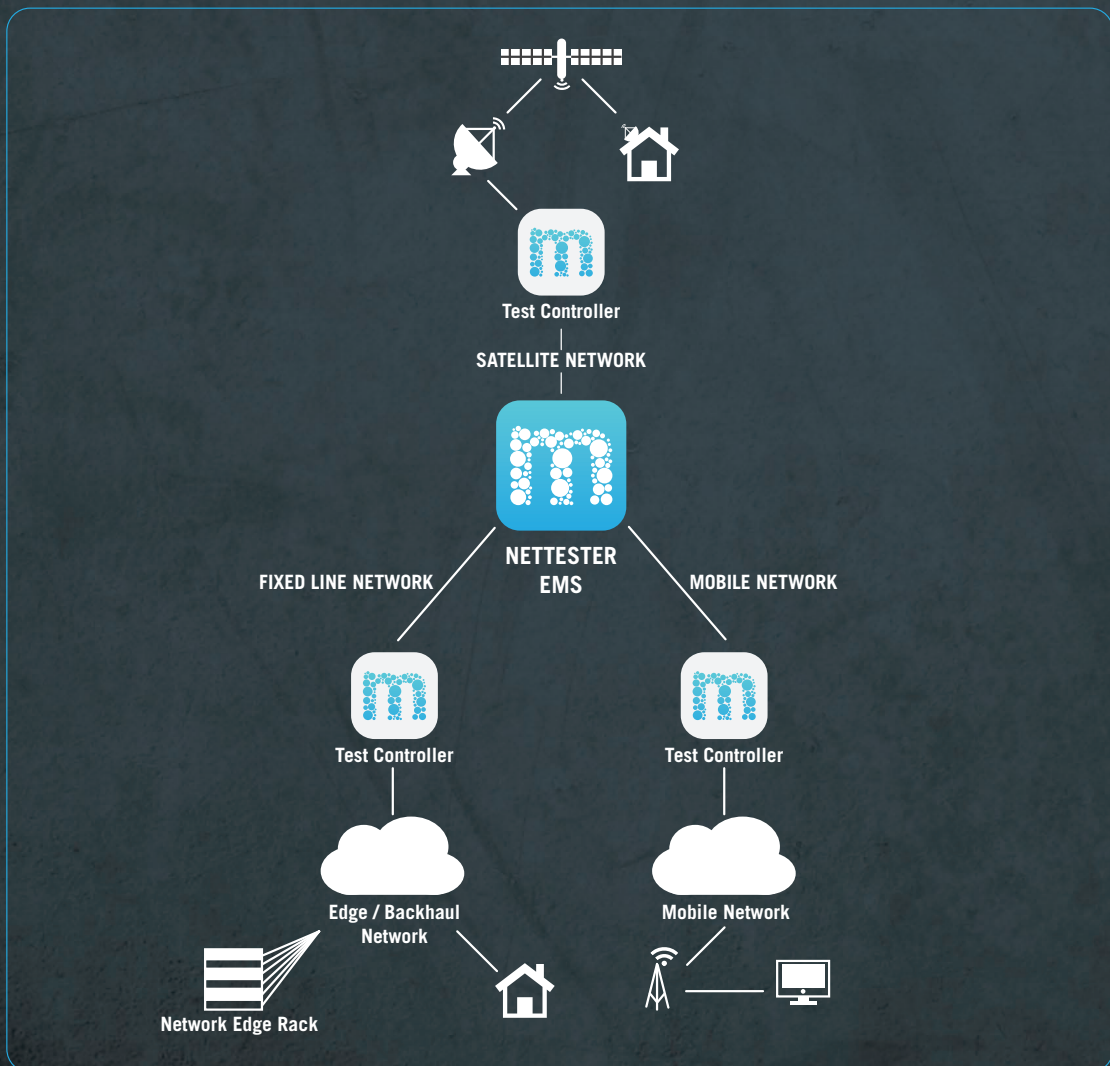
- Allows for integration with other systems
- Able to be customised to a Telco's needs
- Designed specifically for distributed testing of telecommunications networks
- Test triple play services including VoIP and IPTV†

## NetTester:Defender Probe at a Glance

- Centralised data aggregation and reporting
- Differentiated services support
- Works across fibre, satellite & wireless networks
- Has fully integrated reporting and analysis tools
- Can manage network performance with congestion alarms
- A market-proven solution
- Cost effective for network-wide deployment

The applications for NetTester:Defender Probe are equally impressive. The software provides network-wide performance monitoring, and can alert you to any network congestion. NetTester:Defender Probe also allows you to qualify access networks and is designed to test triple play services including VoIP and IPTV.

NetTester:Defender Probe is supported by Mill Software and our partners. Clients enjoy our full compliment of services including local help desk, technical, engineering and operational support and the ability to provide a full turn key managed services capability.





As expert software engineers, we've been developing products and solutions across a range of industries for over 15 years. Working mainly within telecommunications, we also have experience in developing and manufacturing consumer electronics products for our customers

Our aim is to deliver the best from technology, whilst never losing site of the client's needs.

This approach guarantees:

- Reduced complexity and lower costs
- Simplified product development
- Improved time to market
- Effective interaction of technologies
- Risk management and mitigation
- Higher functioning applications

## Mill Software. The Company Behind the Innovation.

Our customer focussed approach ensures we find the best-path-to-market, delivering commercially viable solutions that are both time and cost efficient.

Of course, that doesn't mean we compromise any of the security, robustness and functionality of our products.

We specialise in Linux based solutions along with a wide range of languages, technologies, platforms, operating systems and frameworks.

# Specifications\*\*

## Probe; standalone

- Automated test scheduling
- Layer 4 active testing (ftp, http)
- Layer 3 active testing
- Differentiated services (DSCP)
- Multicast testing
- ITU Y.1564 service configuration testing
- ITU G.8013/Y.1731 07/2011
- IEEE 802.1ag
- IEEE 1588-2008 PTP
- VoIP zero reference
- Multiple hardware variants available

## Probe; portable (In addition to standalone features)

- Manual test operation
- Custom test configuration
- Designed for field use
- Laptop client available
- Tablet client

## Controller (Test Server)

- Messaging gateway
- Test endpoint
- Client authentication
- Test congestion management
- ITU Y.1564 service configuration testing
- ITU G.8013/Y.1731 07/2011
- IEEE 802.1ag
- IEEE 1588-2008 PTP

## EMS (Report Server)

- Probe / Controller configuration management
- Remote probe test execution
- Historical results graphing & reporting
- Real time results display
- Performance threshold based alarms
- Alarm management
- Browser based application

\*VoIP & IPTV testing coming in future release. Features available or in development - subject to change

To discuss how Mill Software can work for your business, call 1300 711 150 or email [info@millsoftware.com.au](mailto:info@millsoftware.com.au)



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