**Analysis & Discussion**

As the program becomes more refined, and data collection and analysis are improved including the incorporation of system logs, automation of optimization based on the use of the system can be accurately identified, reducing performance degradation by automating exact maintenance essentials therefore also saving time. Increasing performance overall by exacting usage and system necessities to reduce system resource consumption enabling computational power to be reserved for specific usage. Allow the system heightened flexibility by providing usage recalibration in regards to performance, security and data management, reducing the need for costly technical servicing. Active security bulletin monitoring, used to appropriate adjustments for security optimization.

Methods used to identify performance enhancement

* Frame rate
* Games
* Windows frame rate
* Computation speed (word processing)
* Windows performance monitor (overall)
* Time duration (casual / web usage)
* System start up
* App start up
* Website load time
* Latency
* Navigation
* Render time

Methods used to identify security enhancement

* Security score rating
* Vulnerability count (MBSA)