Optimized WiFi Access Point

Our optimized WiFi access point consists on a standard Linksys WRT54G, modified with the operating system DD-WRT which allows for several benefits over the original Linksys.

- 802.1x (EAP (Extensible Authentication Protocol) encapsulation over LANs)

- Access Restrictions
- Adhoc Mode
- Client Isolation Mode
- Client Mode (supports multiple connected clients)
- Client Mode WPA
- DHCP
- Dynamic DNS
- Hotspot Portal Support
- IPv6 Support
- JFFS2 (http://sourceware.org/jffs2/)
- NTP client in a client-server basis
- Port Forwarding (max. 30 entries)
- PPTP VPN Server & Client
- QoS Bandwidth Management (Optimize for Gaming and Services / Netmask / MAC / Ethernet Port Priority)
- QoS L7 Packet Classifier l7-filter
- Routing: Static entries and Gateway, BGP, OSPF & RIP2
- Samba FS Automount
- Syslog to remote server
- Rx/Tx Antenna (Select or Auto)
- Show Status of Wireless Clients and WDS with System Uptime/Processor Utilization
- Site Survey
- SNMP
- SSH server & client
- Startup, Firewall, and Shutdown scripts
- Static DHCP Assignment
- Telnet server & client

- Transmit Power Adjustment (0-251mW, default is 28mW, 100mW is safe)
- VLAN
- Wake On Lan client
- WDS Connection Watchdog
- WDS Repeater Mode
- Wireless MAC Addresses Cloning
- Wireless MAC filter
- WMM (Wi-Fi MultiMedia QoS)
- WPA over WDS
- WPA/TKIP with AES
- WPA2