

intouch

Connectivity Solutions



Promotes the delivery of a meaningful connectivity experience

Benefits to Operators

- **Service Differentiation.** Differentiate your service with personalized, simplified and consumer-centric service offerings to improve customer stickiness.
- **Increase Subscriber Base.** Increase take up with attractive services and retain subscribers with additional perks and benefits.
- **Increase Revenue.** With increased subscriber base, diversify revenue lines by monetizing value added services, in addition to access networks.
- **Increase On-net traffic.** Utilize value added services to drive subscriber usage, thus increasing on-net traffic.

Intouch Connection Manager



Green Packet's Connection Manager is today's lifestyle connectivity management tool, offering more than just connectivity solutions. It is designed to converge connection management, communication services and entertainment within a single client. Additionally, it includes the Seamless Mobility feature that enables users to automatically switch from one network to another, without any interruption to their applications or connectivity.

Our Connection Manager addresses the need of Operators and Device Manufacturers to offer users a simple, unified access to networks, devices and applications. In other words, users gain connectivity convenience with single sign-on to a host of value-added services, as well as a rich spread of applications and services, all via one user-friendly and trendy interface.



Product Features

Intelligent Connection Management

Connection Modes

- WiMAX
- WiFi
- HSDPA/3G/EDGE/GPRS
- CDMA/ PHS
- LAN
- Adhoc

Smart Client

- Customizable for autologin to certain hotspots

Authentication

- Supports extended authentication 802.1x

Event Logs

- Connectivity history and event logs

Best Connected Modes

- Automatic switching based on predefined factors such as location, coverage, mobility, QoS and bandwidth

Personalized mode

- User-defined Profiles
- Manual/Automatic switch between profiles

Connection Display

- Display Status, Signal Strength, Speed and Usage

Connection Coach

- Coverage Information, Tips, Tutorial & Directory

Seamless Mobility - Home Agent Server

Mobility

- Mobile IP Home Agent compliant (IETF RFC3344)
- WLAN-WLAN and WLAN-WWAN roaming
- Reverse Tunneling support
- NAPT traversal support
- Dynamic Home IP assignment
- Private Home IP assignment
- Dynamic Home Agent assignment (load-balancing)

Address Management

- DHCP Server
- NAT/NAPT

Authentication

- Supports Mobile IP NAI
- Supports Mobile IP AAA
- RADIUS
- PAP, CHAP

Mobile VPN

- IP-sec based
- AH: HMAC-MD5-96
- ESP: 3DES, AES, Rijndael-CBC
- One key negotiation MIP-AAA
- Supports 3rd party VPN

Routing

- Static, RIPv1, RIPv2, OSPF

Configuration

- Secure Administration Web Page
- Command Line Interface (CLI) via serial port
- SNMPv2c
- System Log

Redundancy

- Full redundancy
- Active Fail-over

Architecture

- Carrier-grade blade computing architecture, for scalability, performance and flexibility

Seamless Mobility - Mobile VPN Client

Mobility

- Mobile IP standard compliant (IETF RFC3344)
- Seamless roaming across WiMAX Ethernet, Wi-Fi, GPRS, EDGE, PHS, CDMA2000, UMTS and other 2.5G/3G WWAN technologies

Authentication

- Supports Mobile IP NAI extension (RFC2794)
- Support Mobile IP Challenge/Response extensions (RFC3012)
- RADIUS
- PAP, CHAP

Connectivity

- Automatic detection of available wireless networks
- Seamless connectivity between access networks
- Automatic connection to wireless network based on preset user preferences
- Automatic handover based on certain conditions such as WiFi Threshold or unavailability of an existing connection
- Supports Care-Of-Address (COA) offered by Foreign Agent
- Supports co-located COA
- Allows both always-on and on-demand dial-up connections with connection status detection

Security

- Supports Mobile VPN or other third-party VPNs
- IP-sec based VPN
- Supports both the IP Authentication Header (AH) and IP Encapsulating Security Payload (ESP)
- Uses one key exchange mechanism for both Mobile IP and IP-sec
- Secure data transfer

Value Added Services - Optional

VAS/Operator Accounts Management

- Registration
- Login
- Information
- Profile
- Subscription Management
- Loyalty Programs

Virtual Notice Board

- Operator Notice Board: Newsletter, Events, Promotions and New Service Plans
- User Notice Board: Personalized notice board service

Community-based Services

- Friend-finder, Online Chat, File Share, PC-to-PC Calls

Communication Services

- Text, Voice, Video

Surveillance

- Public and Home Surveillance

Productivity

- Fax Service
- Push Mail
- Meeting Tools (Screen Sharing, Note Taking, Recording, File Sharing)

Contents

- Media Sharing, RSS, Information

Location-based Service

- Push Info
- Location Based Ads

Advertisement Management

- Push Ads
- Ads Management
- Ads Reporting
- Ads Statistics

Contact Us

For more information on our products and solutions, please contact us at inquiry.gp@greenpacket.com

About Green Packet

Green Packet is a leading developer of Next Generation Mobile Broadband and Networking Solutions. We provide comprehensive, innovative and customizable telecommunications solutions in the field of seamless mobility, unified communications, monitoring solutions and content delivery platforms. Additionally, our product portfolio includes best-in-class devices that provide optimum performance and support various wireless technologies including GPRS, 3G, HSPA, LTE and WiMAX.

Green Packet's products and solutions empower Fixed Line, Mobile, VoIP and WiMAX Operators to offer a better end-user experience, while accelerating time-to-market and gaining first mover advantage.



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