



## Features

- Patent-pending QoE engine determines best network connectivity at any time
- Complete client-based middleware solution
- Easily ported to any mobile OS, hardware platform
- Alleviates Apps from having to maintain platform and network-specific state information
- Customized to suit operator policy or user preference
- Seamless application mobility across a wide range of voice and data application classes

## Vergere – QoE Based Convergence Manager

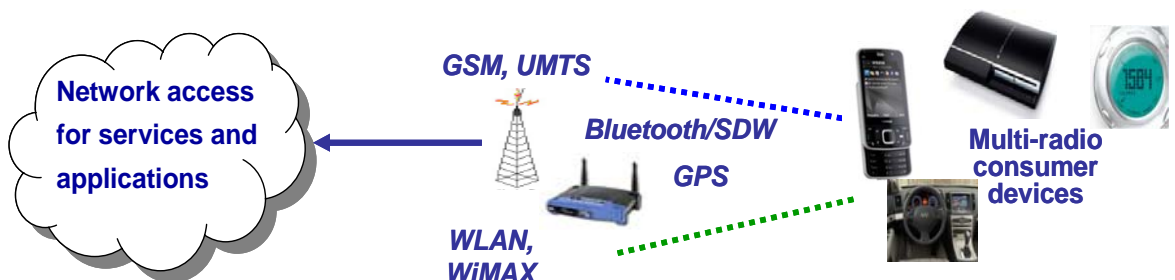
The rapid increase in computation power and integration of multiple radios in today’s converged mobile devices– smartphones, tablets, netbooks, and media players has enabled a vast array of applications and new usage models. In response to this trend, operators are seeking innovative ways to cope with high data traffic clogging their networks. However, ensuring a high Quality of User Experience (QoE) for customers remains an elusive goal.

SNRLabs’ Vergere client based middleware enables mobile device makers, operators, application developers to provide users with superior QoE by monitoring and migrating applications to the best available connectivity on the device in real-time. Based on our patent pending Convergence Manager Suite of technology, Vergere handles all of the connectivity and mobility-related functions and device power management under an operator defined policy profile.

Combining user preference and operator profiles, Vergere can seamlessly offload voice and data traffic from cellular networks onto WiFi to improve the QoE. Vergere enables operators to better monetize their networks without the need for any addition to the infrastructure.

In today’s world of “constantly connected” mobile devices, Vergere provides the vital link in the mobile ecosystem to ensure a consistent, high-quality user experience, improving the return on investment for device makers, operators and application developers.

Vergere	Bronze	Silver	Gold	Platinum
<b>Feature</b>	<b>Now</b>	<b>Now</b>	<b>Q1'11</b>	<b>Q2'11</b>
Power Manager	✓	✓	✓	✓
Connectivity Manager	✓	✓	✓	✓
Seamless Interactive class Mobility		✓	✓	✓
Seamless Progressive download, FTP, Chat Mobility			✓	✓
Location Based Intelligence				✓





## Highlights

SNRLabs' sophisticated Convergence Manager - Vergere, is compatible with all high-level OS's (HLOS), application development frameworks and works with all chipsets. Combining QoE monitoring with seamless mobility enables Vergere to provide a top-down, policy-driven, application-aware solution to establish the best connectivity for an optimal user experience. The main components of Vergere are the following:

### Power Manager

- Increased battery life by optimizing radio settings
- Low latency wakeup of radios

### Connectivity Manager

- Determines best connected radio at all times based on QoE
- Pre-connection end-to-end QoE check
- User / Operator rules based decision engine
- Hints to Apps to incorporate QoE

### Seamless Mobility Manager

- Seamless across interactive, progressive, FTP, IM App Classes

- Support for seamless Voice Call Continuity
- Hints to Apps to support seamless mobility

### Location Based Intelligence Manager

- Geo-tagging of historical access
- Auto-connection based on location / network

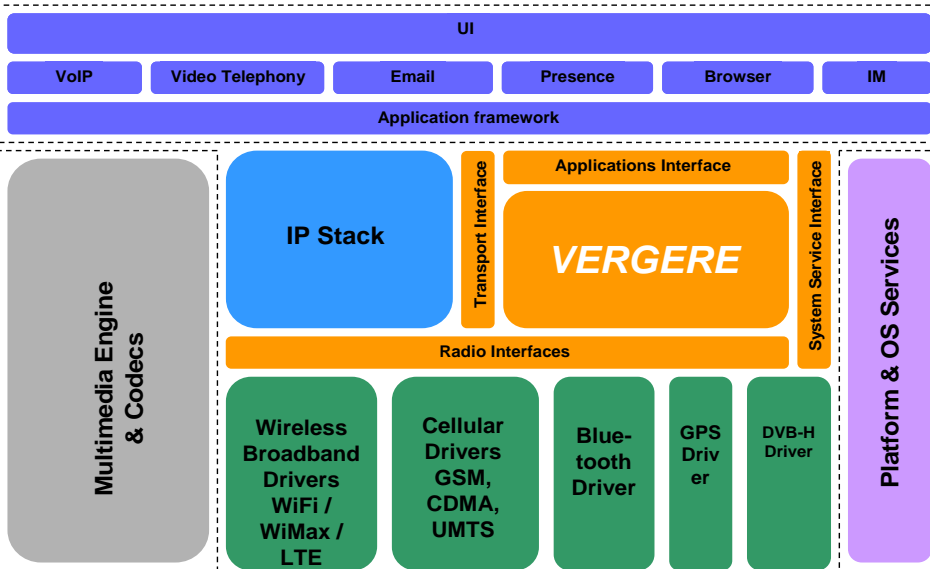
## Deliverables

- Software binary database
- Documented API and XML interface set
- Technical documentation
- Tutorials and Application integration support

## Platform Support

- Supported on x86, ARM architectures
- Available on Android, WP7, Meego
- Supports all popular WiFi and Cellular chipsets

v1.21



*SNRLabs: Providing high quality user experience,  
wherever you go*

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