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Canvas[®] ICS[™]
Intelligent Call Screening Solution

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Canvas® ICS, Intelligent Call Screening Solution

Nuisance calls has become a real issue for mobile subscribers today. Canvas® Intelligent Call Screening solution provides mobile subscribers to control their calls and block unwanted numbers.

Canvas® Intelligent Call Screening™ is a member of the Canvas® VAS Consolidation Platform™ and it allows definition of screening rules to decide from which addresses incoming calls must be barred or allowed. Screening of incoming calls is based on the calling party number.

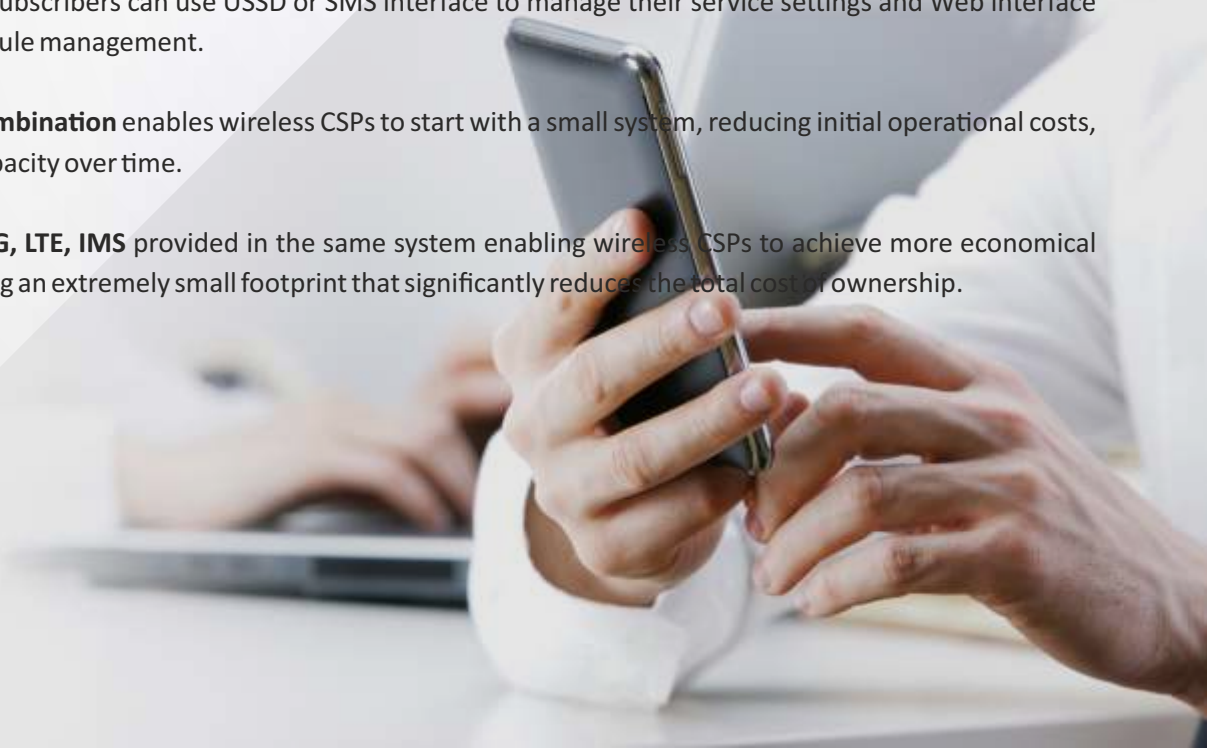
Flexible Rule Definitions provides any time & day (block calls at all times), time of the day (time interval), day of the week, and special days based rule definitions.

Screening List Management provides white or black lists to allow/deny call requests from callers. It is possible to define and manage white/black lists from multiple user interfaces.

Multiple subscriber interfaces for account management easy-to-use, friendly subscriber interfaces for rule and profile management. Subscribers can use USSD or SMS interface to manage their service settings and Web interface for service setting and rule management.

Price/Performance combination enables wireless CSPs to start with a small system, reducing initial operational costs, and grow to a larger capacity over time.

GSM/GPRS, 3G, 4G, 5G, LTE, IMS provided in the same system enabling wireless CSPs to achieve more economical deployments by offering an extremely small footprint that significantly reduces the total cost of ownership.



Product Overview

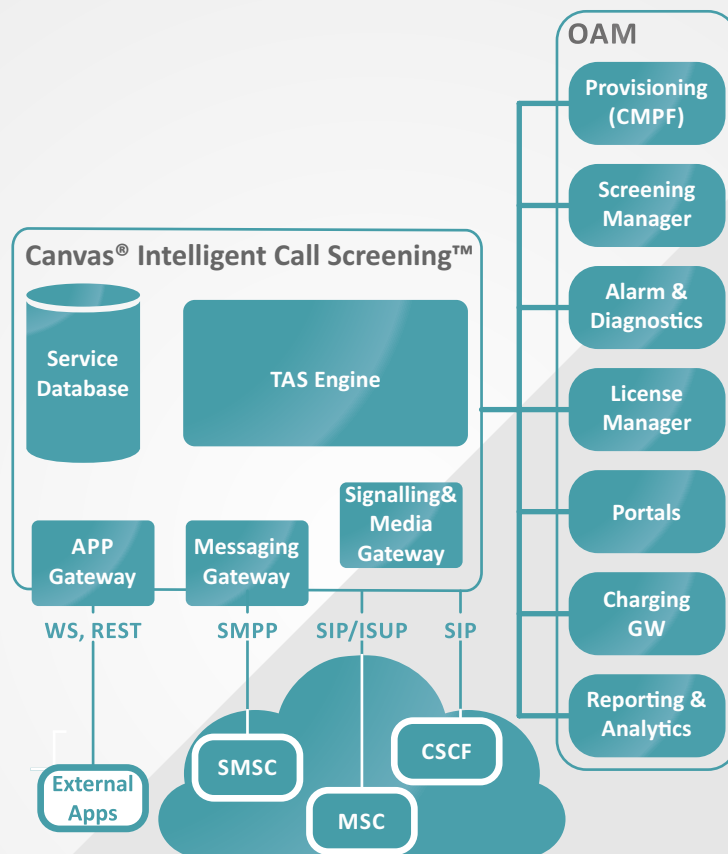
Canvas® Intelligent Call Screening™ service provides the subscribers flexible incoming call management features and helps the subscribers to protect their privacy by executing the rules according to the subscriber's policies.

Canvas® Intelligent Call Screening™ applications allow subscribers to manage their incoming calls based on their preferences, subscription details and personal choices. Screening rules can be specified by service subscriber by user-friendly interfaces.

Feature Summary

- Service Activation\Deactivation
- Flexible Rule Definitions based on
 - Any Time & Day
 - Time of Day
 - Day of Week
 - Special Days
- List Management
 - White List/Black List
- Multiple subscriber interfaces for account management
 - WEB, SMS, USSD
- Advanced Options
 - Reject All Calls
 - Accept all Calls except black list
 - Reject all calls except white list
- Customer Care Portal for account management on behalf of customers
- SMS notification option for rejected calls to service subscriber
- Web Services API for external applications
- SNMP for network management

Architecture



Interfaces

- SS7 ISUP, SIGTRAN, SIP
- SMPP (for SMSC)
- WEB, SMS, USSD (for subscribers)
- SNMP

Core Technologies

- Java SE/EE, JDBC, JMX
- Web Services, REST, XML

Operating Environment

- Red Hat Enterprise Linux, CentOS, Oracle Solaris
- VMware, KVM, XenServer



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Spread Intelligence Across Your Network

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