



# Advanced Short Message Service Center – Release Notes

Release Date	September 15 , 2006
Release	3.0
Version	3.0

---

Copyright © Advanced VoIP Pvt. Ltd. 1998-2006

All Rights Reserved.

---



#299, St# 67, F-11/1,  
Islamabad 44000,  
Pakistan.

Copyright © 2006 Advanced VoIP Pvt. Ltd. All rights reserved.

All other product names and trade names used herein are trademarks of their respective owners.

This document is the property of, and contains proprietary information of Advanced VoIP Pvt. Ltd. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, for any purpose other than consideration of the technical contents without the express written permission of a duly authorized representative of Advanced VoIP Pvt. Ltd.

## Introduction

This document contains important release information of Advanced SMSC V3. It includes a brief description of the new features and enhancements along with system requirements for running Advanced SMSC V3.

### 1. Why Upgrade to V3?

Short Message Service has become a significant feature of mobile communication all around the world. It has become a colossal marketing tool and is being extensively used for advertisements and bulk mail purposes.

Advanced SMSC V3 is a time efficient and cost effective solution. In today's business world it is of great importance to choose an SMSC that offers a high message delivery rate. Advanced SMSC V3 can send up to 100 messages per second and has a modular and scalable architecture that has the ability of meeting the growing needs of mobile communication. It has the ability of handling intense load and therefore is an efficient commercial product.

Advanced SMSC V3 provides big mobile networks routing facilities. It also provides a strong platform for resolving interconnect charges and reporting. Testing and support facilities are much improved in this version than the previous ones.

### 2. Fault Fixes

#### 2.1 Less Resource Consumption

Previous versions of Advanced SMSC use to consume more than 90% of CPU resources. Advanced SMSC V3 is much more proficient in this respect as it is capable of delivering optimum performance while consuming at maximum 35% of CPU resources.

#### 2.2 Performance

Previous versions were comparatively weak in delivering high speed performance. They could only deliver 10 messages per second. Advanced SMSC V3 is a much more agile product and is capable of delivering 100 messages per second. The level of performance is firmly tested in-house.

#### 2.3 Strong Architecture

Advanced SMSC V3 has a very strong C based architecture that aids in achieving swift and high processing speed.



## 2.4 Error Detection

Error detection in Advanced SMSC V3 is much easier and much more organized than previous versions. The most important reason for this is the maintenance of event based logs at the database level.

## 2.5 Reporting

One of the strongest features of Advanced SMSC V3 is its very strong reporting module. Reporting module covers virtually all important aspects of the product like broadcasting, daily traffic and traffic reports of different connected operators.

## 2.6 Modular Approach

Another big improvement in Advanced SMSC V3 is its very strong modular based architecture. This assists in fault tolerance of the system as independent modules share the burden of the system and recovering from system crashes/failures is easy as failure of one component does not bring the whole system down.

## 3. Known Issues

One issue that is being worked on is performance under extreme load. System performance gets a little sluggish under high speed broadcast.

## 4. Third Party Integration

- SMPP (Simple Mail Peer to Peer) based integration points.
- Can be easily in integrated with a third party billing application.



## 5. System Requirements

### 5.1 Minimum Hardware Requirements

- Single Intel Xeon 2.4 GHz
- 1.5 GB RAM
- 60 GB Hard disk space
- INTEL Dialogic SS7 Card
- 100 Mbps Ethernet card

### 5.2 Recommended Hardware Requirements

- Dual Intel Xeon 3.4 GHz
- 2 GB RAM
- 100 GB Hard disk space
- INTEL Dialogic SS7 Card
- Lan Card 1 GBit

### 5.3 Minimum Software Requirements

- Oracle 10 g Express Edition
- Windows NT 2000
- JDK 1.4
- Anti Virus free edition

### 5.4 Recommended Software Requirements

- Oracle 10 g Standard Edition
- Windows NT 2000 with Service Pack 2
- JDK 1.5
- Any registered version of recognized anti virus



## 6. Global Sales Support

Support	Sales
<p><b>Phone:</b> +1 213 341 1431 <b>Fax:</b> +1 213 330 0292 <b>Email:</b> support@advoss.com</p> <p><b>Emergency Mobile Numbers 24 x 7 [Support]</b></p> <p><b>Nauman Qazi:</b> + 92 301 855 8238 <b>Muhammad Raheel Tanvir:</b> + 92 321 6672105</p>	<p><b>Phone:</b> + 1 213 341 9690 <b>Fax:</b> +1 213 330 0292 <b>Email:</b> sales@advoss.com</p> <p><b>Emergency Mobile Numbers 24 x 7 [Sales]</b></p> <p><b>Shahbaz Ahmad:</b> +92 300 500 1865 <b>Ali Agha:</b> +92 300 855 1663</p>