

SMS4DC

SPECTRUM MANAGEMENT SYSTEM FOR DEVELOPING COUNTRIES

Version 3.0

<http://www.itu.int/pub/D-STG-SPEC-2009-V3.0>





ITU Advanced Spectrum Management System

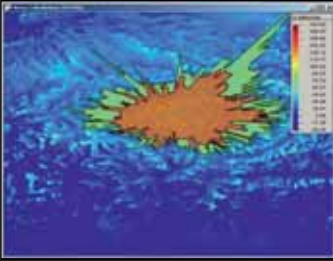
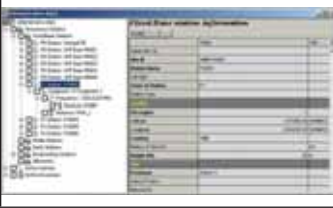
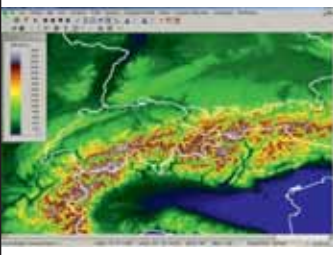
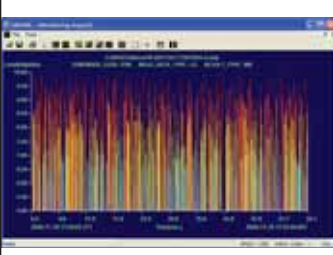

The ITU Telecommunication Development Bureau (ITU-BDT) has made available a computer program to assist the Administrations of developing countries in performing their spectrum management responsibilities more effectively.

This program is known as SMS4DC (Spectrum Management System for Developing Countries).

The SMS4DC provides assistance on technical and regulatory procedures for managing spectrum allocated to the Land Mobile, Fixed and Broadcasting services, in full compliance with the relevant ITU recommendations. It includes the use of an open-source global digital terrain map.

The software is designed for easy upgrade to accommodate revised ITU procedures and regulations. SMS4DC is intended to be a low-cost, entry-level spectrum management system; however, it is a very complex software tool with many technical features and functions.

Main Features:

Engineering tools	
Administrative database and Licensing System	
Graphical Information System	
Links to monitoring software	
Information on Google Earth	

Operational Requirements

Operating System

Single User or Network Workstation: Microsoft Windows 2000 (SP4), Windows XP (SP2) or Windows Vista

Network Server: Windows 2000 server edition or Windows XP server

All configurations will require:

- Microsoft Office version 2000 or later;
- Adobe Acrobat PDF reader version 6 or later;
- Google™ Earth software

System requirements

Minimum	Recommended
<ul style="list-style-type: none">• Pentium III processor with 1 GHz clock speed;• 256 Megabytes Random Access Memory (RAM);• Hard Disk Drive with a minimum of 2 Gigabytes free available for installation in case of single-user setup; or 200 MB in case of setup on network,• CD Drive;• SVGA Color Monitor capable of 1024 x 768 pixel resolution;• Color Inkjet or Laser printer;• Graphics adapter with OpenGL support;	<ul style="list-style-type: none">• Pentium IV processor with 3 GHz clock speed or more;• 1 Gigabytes Random Access Memory (RAM);• Hard Disk Drive with a minimum of 10 Gigabytes free available for installation;• DVD Drive;• SVGA Color Monitor capable of 1024 x 768 pixel resolution;• Color Inkjet or Laser printer;• Graphics adapter with OpenGL support;

Detailed information about the software:

<http://www.itu.int/ITU-D/tech/spectrum-management/index.html>

For more information, contact

István Bozsóki — Tel. +41 22 730 6347

sms4dc@itu.int

**International Telecommunication Union | Place des Nations
CH-1211 Geneva 20 | Switzerland**