

Do you want a periodic check-up on your MMS/SMS platforms and alert you or your engineers when the performance gets deteriorated?

Do you want effective tools that can capture statistic of your MMS/SMS platforms from real-time monitoring function?

Do you want to build up better customer relationship management by identifying the most profitable customers and provide them with real time support and problem resolving?

NetMon Solution (Messaging Platform Network Monitor Solution) is an advanced messaging network monitoring solution. NetMon can monitor the performance of the messaging platform that can assist operators to immediately identify and fix problems once they are occurred on the platform. NetMon also keep track of all critical data such as customer usage and customer messaging pattern. Based on the statistical report and analysis generated by NetMon, you can analyse market needs so as to provide more effective promotion scheme and better network resources planning.

Features:

1. Periodically run health check to ensure the entire front ends and back ends of mmsc/smsc functions are properly operated.
2. Constantly monitor the platform and capture critical data such as the number of MMS message submission, submission failure rate, data retrieval rate and jitter delay.
3. Prompt engineers by generating alarm & SNMP traps when the performance statistic get deteriorated

The screenshot displays the NetMon web interface in a Microsoft Internet Explorer browser window. The page title is 'Welcome To NetMon Monitor Solution'. The interface includes a navigation menu with tabs for 'Statistics', 'Reports', 'History', 'CDK records', and 'Logout'. Below the navigation, there are three data tables showing performance metrics for different services. The first table is for 'MMS(smsr_A to smsr_A)', the second for 'MMS(smsr_A to smsr_A)', and the third for 'MMS(VAS-smsr_A)'. Each table has columns for 'Total Message', 'Total Submission', 'Fail Rate', 'Removed Message', 'Retrieve Rate', 'Expire Rate', 'Last Resent', 'MO Copy', 'MT Copy', 'Deliver Report', 'Delivery Rate', 'Average Delay', and 'Creation date'.

Details	Total Message	Total Submission	Fail Rate	Removed Message	Retrieve Rate	Expire Rate	Last Resent	MO Copy	MT Copy	Deliver Report	Delivery Rate	Average Delay	Creation date
Q	8	5	0%	4	50%	12%	0%	0%	0%	0%	0%	0.0	2004-09-15 03:59:45.0

Details	Total Message	Total Submission	Fail Rate	Removed Message	Retrieve Rate	Expire Rate	Last Resent	MO Copy	MT Copy	Deliver Report	Delivery Rate	Average Delay	Creation date
Q	3	3	0%	0	0%	0%	0%	0%	0%	0%	0%	0.0	2004-07-29 15:42:04.0

Details	Total Message	Total Submission	Fail Rate	Removed Message	Retrieve Rate	Expire Rate	Last Resent	MO Copy	MT Copy	Deliver Report	Delivery Rate	Average Delay	Creation date
Q	1807	873	0%	1133	17%	40%	0%	2%	0%	0%	0%	0.0	2004-09-15 07:03:44.0



4. Generate performance statistics report by linking to Call Detail Record for easy fault identification and fixing
5. Colorful charts illustration report on performance statistic and customer usage trends
6. Managed to separate the IOMMS to each specific partner.
7. Managed to divide the traffic to different type (Internal MMS, MMS to email, MMS to VAS, MMS from VAS to email, MMS from email, MMS to each partner operator)



The screenshot shows the 'Period Statistics History' table in the NetMon web interface. The table has the following columns: SERVICE DESCRIPTION, TOTAL MESSAGE, TOTAL SUBMISSION, SUBMISSION FAIL RATE, TOTAL REMOVED MSG, RETRIEVE RATE, and EXPIRE RATE. Below the table, there are search filters for 'Period From' and 'Period To', and a 'Service Type' dropdown menu.

SEARCH	SERVICE DESCRIPTION	TOTAL MESSAGE	TOTAL SUBMISSION	SUBMISSION FAIL RATE	TOTAL REMOVED MSG	RETRIEVE RATE	EXPIRE RATE
Q1	MMS(oper_A-oper_A)	215	160	0	142	64.65	3.22
Q2	MMS(VAS-oper_A)	820	561	0	269	10	24.75
Q3	MMS(oper_A-email)	6	6	0	6	100	0
Q4	MMS(oper_A-SOMMS(arm_wod))	2	2	0	2	100	0
Q5	MMS(oper_A-SOMMS(arm_wod))	2	2	0	3	0	42.86
Q6	MMS(oper_A-SOMMS(arm_wod))	23	23	0	23	100	0
Q7	MMS(VAS-oper_A-creamnet)	2	2	0	0	0	0

8. Search capability allows to easily identifying any particular user or user domain to check the time and reasons of a drop call.
9. Click on message id to easily obtained all the mms process for a particular mms message and check the process that cause the mms submission fail.
10. Hourly/daily/weekly report on traffic and average traffic rate can be generated.
11. Peak traffic hour of a day and peak traffic day of a week are also provided.
12. User usage report is provided to assist analysis the customer usage statistics.
13. Top ten reports on submission customer, retrieval customers and popular VAS content.

