

The efficient way to optimize 2G/3G networks

Performance Management and Optimization Tool



"With NetChart consistency checks you can quickly find and fix issues that would take too long to be found or, in some cases, would never be found by an engineer

"NetChart makes engineers' life easier, increasing productivity and achieving

Currently used in several 2G/3G networks with more than 60K sectors!

ID	Priority	Status	Days Opened	Date Subi
14	High	Closed	52	2009-07-31
Submitted By	[ENG] John Smith		E-mail	john.smith@rem
Assigned To	[OMR]		E-mail	
Element Type	BCF	Element Name	SPCAS2847	
Elements	SPCAG2047			
WORK ORDER	R DESCRIPTION			
Problem ID:	Operator Complaint V		O Site aprecenta problem (GUATEMI)	ar de qualidade de
☑ Hardware [2	[G] TRX		Verificar TRX, comissionam	erto, VSWR, conexi
Software [20	9) Hone 💛			
HISTORY INF	ORMATION			
(ENGT John Smith			Problema resolvido	
[ENG] John Smith [Closed] 2009-09	-21 19:51:22 de		Problema resolvido	is interligação in
[ENG] John Smith [Closed] 2009-09 [OMN] Shedds La [EndDadk] 2009-	-21 19:51:22 dy 09-21 13:16:18		SITE ESTAVA COM OS CABO Conforme informado pelo t 13/07.Note-se que após se taba de handoser (vale an	ecnico em campo, e ta manutenção, o s exos), afetando as
[EMG] John Smith [Closed] 2009-09 (OMM) thedds La [Exemples] 2009- (EMG] John Smith [Exemples] 2009-	-21 13:51:22 dy 09:21 13:16:18 08:26 08:43:03		SITE ESTAVA COM OS CABO Conforme informado palo e 32/07/Note-re que apide es talta de handouer (cide en CONCLUEDO OS TESTES NA TRES SECTOR? / TRES SEC	ecrico em campo, e ta manutenção, o s exos), afetando aco atro, são petectas
[ENG] John Smith (Closed) 2009-09 [OMN] Shedda La [Bendard] 2009- [ENG] John Smith [Bendard] 2009- [OMN] Bob Brown [Resolved] 2009-1 [OMN] Bob Brown	-21 13:51:22 dy 09:21 13:16:18 08:26 08:43:03		SITE ESTAVA COM OS CABO Conforme informado palo 1 33/07/Moters que apola se Tabla de handiose (culta anti- COMCUSTO OS TESTES NA ENES SECTOS 7 / FIXE SECTOS	ecrico em campo, e ta manutenção, o s exce), afetando as excs, não detectar TORS.
[Ewell John Smith [Ewell John Smith [Ewell John Smith [Ewell John Smith [OHR] Bob Brown [Gentled] 2009-1	dy, 09-2113:51:22 dy, 09-2113:16:10 08-26:08:43:03 08-20:16:04:44		SITE ESTAVA COM OS CABO Conforme informado palo 1 33/07/flote-se que após es tablas de handoser (ude au- concluido OS TESTES NA TROS SECTORS / TROS SEC FANOR ANALISA.	ecrico em campo, e ta manutenção, o r excer), afetando asi ars, año persecrat TORB. INSPEÇÃO NA BTS

PARAMETER HAME		18-sun-08	19-941-00	23-9un-08	24:9un:08	05-9/1-08	06-141-08	
	ıτ		24	24	24	24	24	24
AMRICOND CHORRETPS Period				300	300	300	300	300
AMRICO - ED CHOMB TP 5Max 8	ST			24	24	24	24	24
AMRLCONED CHOMRTPSPerio	dMax.			200	200	200	200	200
AMRLCONED CHORRETPSPerio				1	1	1	1	1
AMPLCONED CHOPIETP SPAIRS				1	1	1	1	1
HSDSCHGuardTimerLovThrou	ghput	30		20		30	30	20
HSPDSCHRigustPeriod				5	5	5		
MAC dileathroughputAveWin				20	20	20	20	20
MAC disorthroughputTimetoTr	19991		25	25	25	25	25	25
Max82RateRRTMACDFlow		6794	6784	6784	6784	6794	6784	6784
PDUSizeBitRateThr			2048	2048	2048	2048		
PDUSizeCodeThreshold				5	5	5		
Farameters History for RNL_ from 10-jun-2008 to 09-nov-2	000 NE		100	100	4	×8.	(70-	n
from 10-jun-2008 to 09-nov-2	000 NE			JAM MCE	-1 -91	-8	(<u>Go</u>	
Faranceters Bistony for RNL from 10-jun-2008 to 69-nov-2 ms 13-out-2008 W YASS, fel 03-nov-2008 W	000 NE	WCEL	AC WOR	JHW WCE		-3		_
Faranceters Bistony for RNL, from 10-jun-2008 to 69-nos-2	000 HE	WCEL	AC WCEL	_HW WCE	ut-08 20-1		-HA-08 2	4-out-08
Farafrecture History for RNL, from 10-jun-2008 to 69-nov-2	000 HE	08 14-m	AC WCEL	_HW WCES	ut-08 20-s	-3 Iun-08 21 21 21	-sut-08 3	_
Faranceters Hastory for RNL, from 10-pair-10-98 to 69-nov-208 to 10-pair-10-98 to 69-nov-208 to 10-pair-10-98 to 69-nov-2008 to 10-pair-10-98 to 10-pair-10-98 to 10-pair-10-98 to 10-pair-10-	000 HE	08 14-es	AC WOEL	_HW WCE6	ut-08 20-s	21 21	-sut-08 2	4-out-08
Feature Nature for INI., from 10 jun-2008 to 09-nov-2 from 11 jun-2008 to 09-nov-2 from 12 jun-2008 to 09-nov-2 from 12 jun-2008 to 09-nov-2008 to 09-nov-20	000 HE	08 14-es	AC WORL	_HW WCES	ut-08 20-s 21 21 21	21 21 21	-sut-08	4-cyt-08 1 1
TABLE TO SERVICE THE SERVICE T	000 HE	08 14-m	AC WORL	A-08 19-0 21 21 21 11	ut-08 20-s 21 21 21 11	21 21 21 11	-out-03	4-cut-08
Teacherten last long fair RNTL, feem 10-jun-2008 to 09-nov-2008 to 10-nov-2008 to	000 HE	08 14-eq 21 21 21 11	AC WCEL	21 21 21 11 11 11	ut-08 20-s 21 21 21 21 11 11	21 21 21 11 11	-sut-08 2	4-out-08
TABLE TO SET OF THE SE	000 HE	08 14-es 21 21 23 23 11 11 21	Ad Wots 21 21 21 21 11 11 21	-HW WCES -W-08 19-0 21 21 21 11 21	21 21 21 21 11 11 11 21	21 21 21 11	-sut-08 2	4-out-08
Frantziere Natury für RNAL, hom 10 gun-1008 to 00-nos-2 13-ext-2008 W TABL 10 - nos-2008 W TABL 10 - nos-	000 HE	08 14-eu 21 21 21 21 11 12 21 21 21 21 21 21 21 2	AC WCEL	21 21 21 21 21 21 21 21 21 21 21 21 21 2	ut-08 20- 21 21 21 21 11 11 21 21	21 21 21 11 11 21 21	-sut-08 2	4-out-08
Franchise Nation for RM. Incompany to the Control of C	23 out	08 14-ma 21 21 21 11 12 21 21 21 21 21 21 21 21 2	AC WCEL 21 21 21 21 21 21 21 21 21	HW WCES 47-08 17-0 21 21 21 21 21 21 21 21	21 21 21 21 11 11 21 21	21 21 21 11 11 21 21 21	-sut-08 3	4-cyt-08
Franchise Nation for RM. Incompany to the Control of C	000 HE	08 14-eu 21 21 21 21 11 12 21 21 21 21 21 21 21 2	AC WCEL	21 21 21 21 21 21 21 21 21 21 21 21 21 2	21 21 22 21 22 21 21 21 21 21 21 21 21 2	21 21 21 11 11 21 21	-sut-08 2	4-cut-08

TECHNICAL SUPPORT

Our team has deep experience in mobile optimization which allows a better understanding of customer's needs, resulting in efficient requests implementation.

We guarantee direct contact with NetChart Developers in order to quickly solve issues.

We provide online support through the most popular web messengers (Skype®, G-Talk[®], etc.), e-mail and phone.

www.remopt.com

- Multi-vendor and multi-technology
- KPI Performance, Network Configuration, Consistency Check, Management Reports, Work Orders
- KPIs, Charts and Reports self customization
- Intuitive and rich user interface
- Extremely short set-up time and no need of hardware or software installation
- Software as a Service Delivery Model

CONFIGURATION & CONSISTENCY CHECK

View parameters change history of any network element, view alarms and build parameter PDF charts on the fly. Full access to all parameter tables and counters (including download option). Consistency Check feature allows users to run pre-defined checks or make their own. Get the inconsistencies in an MS Excel® compatible table plus an XML script for automatic correction.



- 1- Engineer requests a consistency check
- 2- NetChart finds out and returns the inconsistencies in a text file plus an XML file to fix it
- 3- Engineer runs the XML script on the OSS to correct the inconsistencies

View sites, inter and intrasystem neighbours plus handover analysis, frequency plan, KPIs by individual cell (e.g. Timing Advance) or all cells (e.g. Call Drop), export data to Google Earth[™] and more



KPI PERFORMANCE & REPORTS

Flexible API to customize every single KPI, Chart and Report. Multiple element performance comparison for a chosen KPI. Worst Cells, Management reports and full access to all performance tables and counters (including download option). All functions are available in hourly, daily and busy hour aggregations.



WORK ORDERS

Manage Optimization Tasks and Trouble Tickes in a single online database. Team and individual performance monitoring. Automatically e-mail the WO to a team. Look at the whole history of any Work Order.



- 1- Engineer analyses the network and finds a problem
- 2- Engineer opens a WO to fix it
- 3- NetChart automatically sends an e-mail notifying there is a new WO
- 4- Responsibles update the WO with new information
- 5- NetChart automatically sends an e-mail notifying that the WO has changed