

*"The NetChart custom interface makes you 100% independent to implement any new chart, report or KPI free of charge"*

*"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  
goals faster"*

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

## Work Order

GENERAL INFORMATION					
ID	Priority	Status	Days Opened	Date Due	
14 <td>High <td>Closed <td>52 <td colspan="2">2009-07-16</td> </td></td></td>	High <td>Closed <td>52 <td colspan="2">2009-07-16</td> </td></td>	Closed <td>52 <td colspan="2">2009-07-16</td> </td>	52 <td colspan="2">2009-07-16</td>	2009-07-16	
Submitted By	[Name] John Smith		john.smith@xyz.com		
Assigned To	[Name] E-mail		E-mail		
Element Type	BCF	Element Name	SPC6238AT		
Elements	[Name] 1234567				

### WORK ORDER DESCRIPTION

Problem ID	Operation Comment	O que aconteceu: problema de qualidade do T (Vishay)
Hardware	[Name] TRX	Verificar TRX, componentes, Vishay, com 2
Software	[Name] none	

### HISTORY INFORMATION

Time	Author	Problem resolved
[Name] John Smith [Name] Closed: 2009-07-23 15:51:22		<p>SITE ESTAVA COM CARGA INTERFERENCIA EM 120V. Havia um curto no cabo de energia em contato com a parede da instalação. O problema foi resolvido após a troca do cabo e a verificação dos testes em 120V. O teste foi realizado com o uso de um multímetro e o teste foi concluído com sucesso. O teste foi realizado com o uso de um multímetro e o teste foi concluído com sucesso.</p>
[Name] John Smith [Name] Opened: 2009-07-23 15:51:22		
[Name] John Smith [Name] Opened: 2009-07-23 15:51:22		
[Name] John Smith [Name] Opened: 2009-07-23 15:51:22		
[Name] John Smith [Name] Opened: 2009-07-23 15:51:22		

### ATTACHMENTS

[20090723\\_0404077\\_Fake\\_Randomize](#)  
[20090723\\_0404077\\_Fake\\_Randomize](#)  
[20090723\\_0404077\\_Fake\\_Randomize](#)

## Parameters Changes History

[illegible]

## TECHNICAL SUPPORT

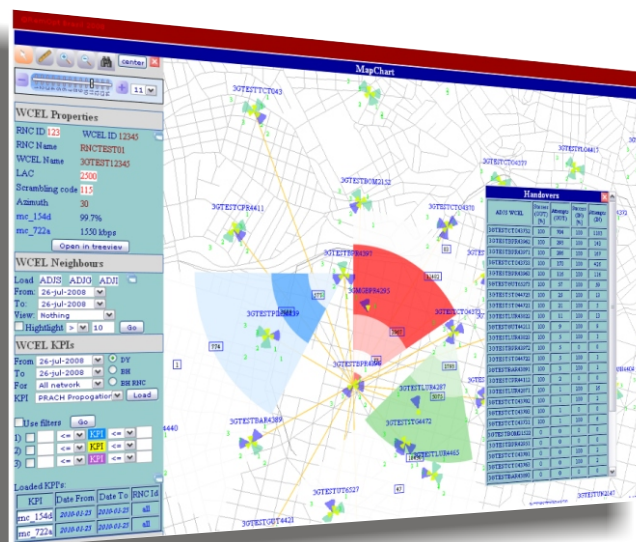
Our team has deep experience in mobile optimization which allows a better understanding of customer's needs, resulting in efficient requests implementation.

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](http://www.remopt.com)

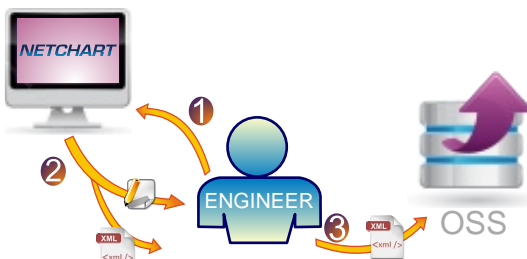
# Performance Management and Optimization Tool



- 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

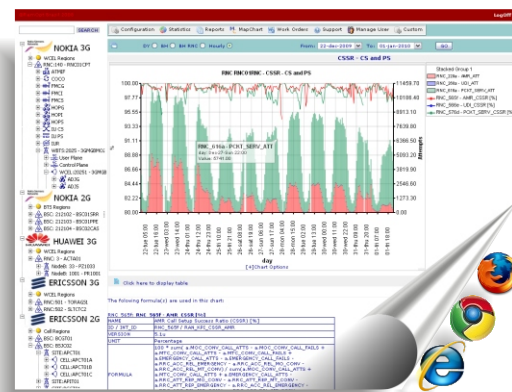
## MAPCHART

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.



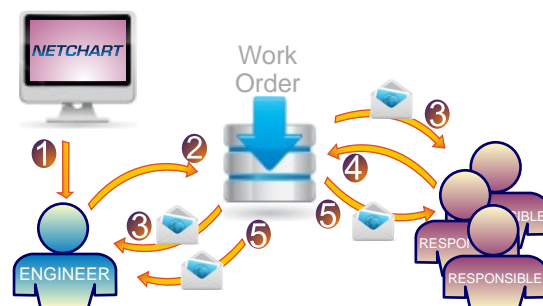
## KPI PERFORMANCE & REPORTS

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 Tickets 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