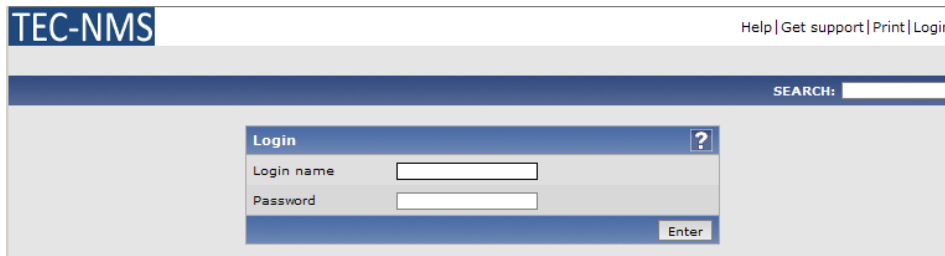
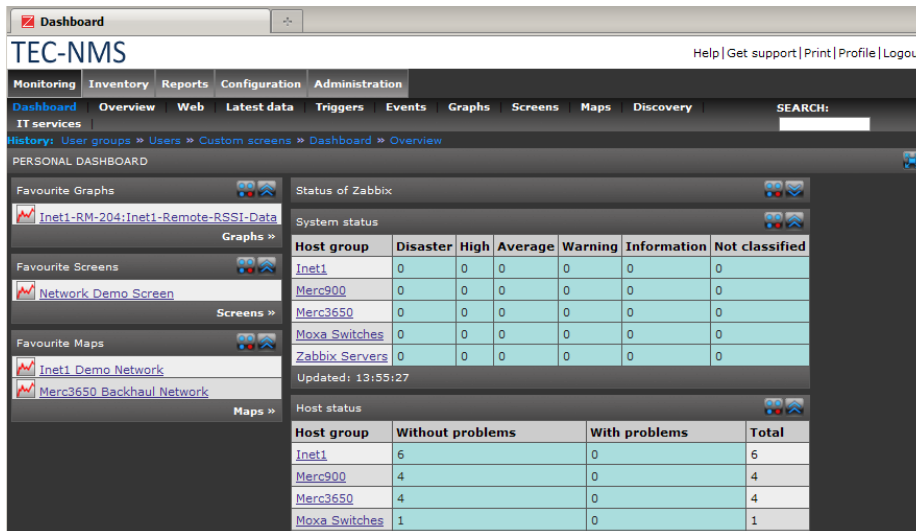


Essential Features of a Radio Network Management System (NMS)

- Web-based GUI interface accessible from any web-enabled device anywhere (via secure VPN network connection).



- User authentication to the system, with views tailored to each user's role.



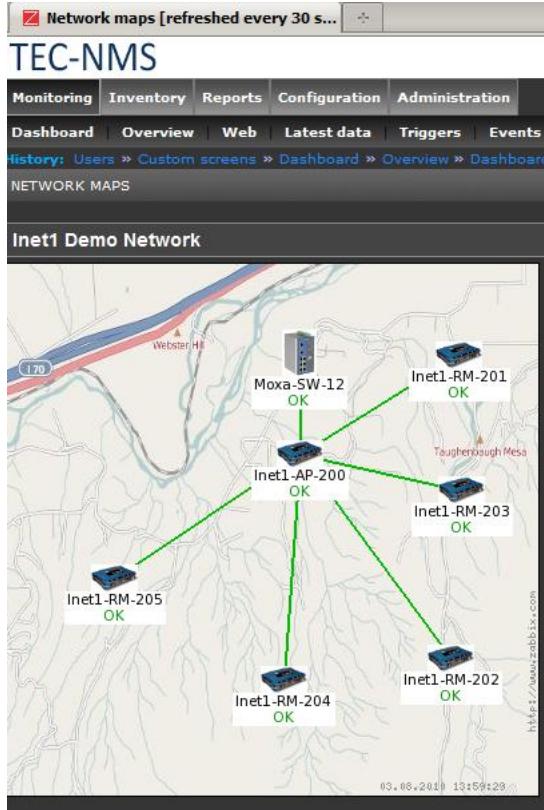
The screenshot shows the main dashboard of the TEC-NMS web interface. At the top left, the text "Dashboard" is displayed. At the top right, there are links for "Help", "Get support", "Print", "Profile", and "Logout". Below this is a search bar labeled "SEARCH:". The dashboard is divided into several sections. On the left, there are "Favourite Graphs", "Favourite Screens", and "Favourite Maps". The main content area is titled "PERSONAL DASHBOARD" and contains two tables. The first table is "System status" and the second table is "Host status".

Host group	Disaster	High	Average	Warning	Information	Not classified
Inet1	0	0	0	0	0	0
Merc900	0	0	0	0	0	0
Merc3650	0	0	0	0	0	0
Moxa_Switches	0	0	0	0	0	0
Zabbix Servers	0	0	0	0	0	0

Updated: 13:55:27

Host group	Without problems	With problems	Total
Inet1	6	0	6
Merc900	4	0	4
Merc3650	4	0	4
Moxa_Switches	1	0	1

- Customizable network map displays.



- Customizable metric thresholds with email notification actions.

```

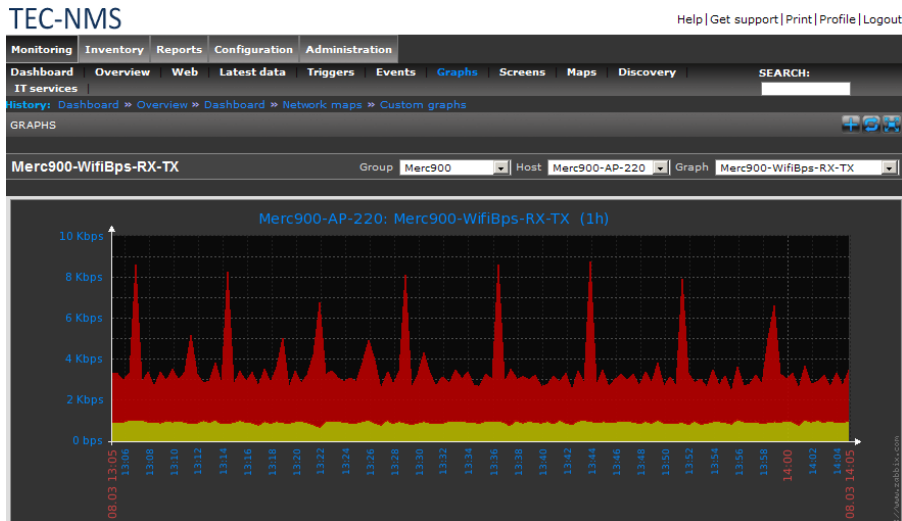
-----Original Message-----
From: support@twineagleconsulting.com
Sent: Monday, March 08, 2010 10:47 AM
To: Network Operations
Subject: Inet1-RM-204 Network-Latency PROBLEM

2010.03.08 10:46:10 Inet1-RM-204 (10.0.0.204)
Network-Latency: PROBLEM
Last value: 283 ms
PROBLEM = Network latency greater than 200 ms; OK = Returned to normal

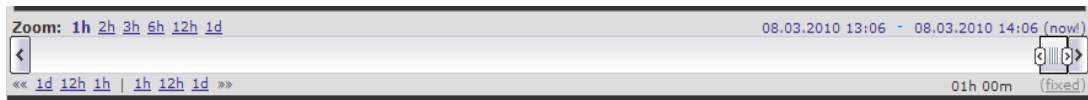
```

- Performance metric collection from a variety of industrial wireless products:
Currently supports:
 - GE MDS iNET-I and iNET-II
 - GE MDS Mercury 900
 - GE MDS Mercury 3650
 - Moxa industrial switch

- Customizable graphs for all metrics.



- Time range selector (point-and-click).



- Ability to drill down to latest data, triggers, and network events.

TEC-NMS Help | Get support | Print | Profile | Logout

Monitoring | Inventory | Reports | Configuration | Administration

Dashboard | Overview | Web | Latest data | Triggers | Events | Graphs | Screens | Maps | Discovery SEARCH:

IT services

History: Dashboard » Overview » Dashboard » Network maps » Custom graphs

LATEST DATA

ITEMS Group: Merc900 Host: Merc900-AP-220

Description	Last check	Last value	Change	History
- other - (8 Items)				
Merc900AP-ConnRemotes	08 Mar 2010 14:08:51	3	-	Graph
Merc900AP-MaxRemotes	08 Mar 2010 14:08:53	10	-	Graph
Merc900CM-GPSnumSatellites	08 Mar 2010 14:08:54	12	-	Graph
Merc900CM-PATemperature	08 Mar 2010 14:08:56	48 deg C	-	Graph
Merc900CM-WifiBpsRX	08 Mar 2010 14:08:57	896 bps	+96 bps	Graph
Merc900CM-WifiBpsTX	08 Mar 2010 14:08:58	1.88 Kbps	-256 bps	Graph
Network-Latency	08 Mar 2010 14:08:54	0.71 ms	+0.01 ms	Graph
Network-Reachability	08 Mar 2010 14:08:27	1	-	Graph

- Customizable “favorites” displays/links.
- Trigger dependencies for downstream event suppression and escalation of notifications.
- All data stored in a back end database, with customizable data aging capabilities.
- Potential for monitoring large-scale environments (distributed monitoring).
- Potential for providing Service Level reporting.