

# RADIUS Based Call Detail Reporting

## For HP OpenView Performance Insight



Gain Complete Visibility To Dial-Up Connection Details

Identify & Address Trends In Over-Subscription

Accurately Forecast & Manage Subscriptions By Customer

Provide End-Users With The Reports They Demand

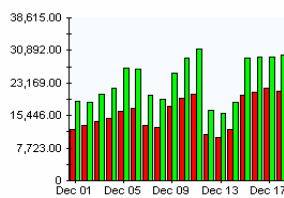
**Connections & Connect Speeds (Call Detail)**  
Tue Dec 18 2001

Account	Total Sessions	Peak Hour	Peak Hour Count	Total Hours	Avg Duration (hr)	% Over 42Kbps
iGneite	91	19	11	38.61	0.43	8
NexGen Group	616	20	70	509.90	0.86	11
NetSuccess (hr)	225	22	27	268.43	1.24	8
NetSuccess	22955	19	2502	15889.05	0.72	8

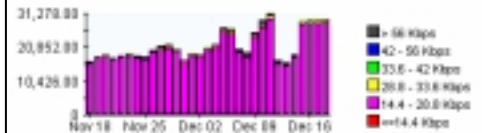
**Account Usage Summary (Call Detail)**  
Tue Dec 18 2001

Account	Total Connects	Total Sessions	Total Hours	Avg Duration (hr)
NetSuccess	22205	22955	15889.05	0.72
NCPG	6595	6752	4415.45	0.67
NexGen Group	593	616	509.90	0.86
NetSuccess (hr)	216	225	268.43	1.24
iGneite	89	91	38.61	0.43

**Global Total Hours & Connects**  
Sat Dec 01 2001 - Tue Dec 18 2001



**Session Count Per Connect Speed: Global**  
Sun Nov 18 2001 - Tue Dec 18 2001

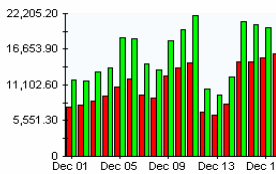


**Account Daily Usage For Current Month**

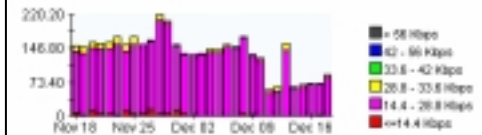
NetSuccess: Customer Level  
Sat Dec 01 2001 - Tue Dec 18 2001

Date	Total Connects	Total Sessions	Total Hours	Avg Duration (hr)
12-01-2001	11952	12422	7611.92	0.64
12-02-2001	11785	12292	8036.01	0.68
12-03-2001	13071	13527	8654.97	0.66
12-04-2001	13824	14353	9320.35	0.67
12-05-2001	18474	18932	10727.05	0.58
12-06-2001	18264	18994	11979.26	0.66
12-07-2001	14377	14810	9479.66	0.66
12-08-2001	13422	13877	9086.93	0.68
12-09-2001	18058	18728	12541.55	0.69
12-10-2001	19775	20457	13767.50	0.70

**Account Total Hours & Connects**  
NetSuccess: Customer Level  
Sat Dec 01 2001 - Tue Dec 18 2001



**Session Count Per Connect Speed: iGneite**  
Sun Nov 18 2001 - Tue Dec 18 2001



**Select Market:**

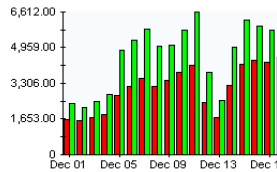
- Atlanta
- Chicago
- Dallas
- Los Angeles
- Miami
- Orange County
- San Francisco

**Account-Market Daily Usage For Current Month**

NetSuccess: Atlanta  
Sat Dec 01 2001 - Tue Dec 18 2001

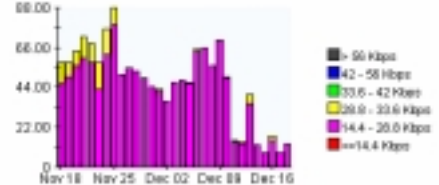
Date	Total Connects	Total Sessions	Total Hours	Avg Duration (hr)
12-01-2001	2382	2442	1634.75	0.69
12-02-2001	2208	2262	1583.08	0.72
12-03-2001	2448	2516	1718.90	0.70
12-04-2001	2783	2838	1876.87	0.67
12-05-2001	4822	4882	2766.61	0.57
12-06-2001	5302	5408	3153.88	0.59
12-07-2001	5839	5955	3540.31	0.61
12-08-2001	5018	5131	3150.37	0.63
12-09-2001	5095	5224	3428.93	0.67
12-10-2001	5760	5896	3797.74	0.66

**Account-Market Total Hours & Connects**  
NetSuccess: Atlanta  
Sat Dec 01 2001 - Tue Dec 18 2001



**Session Count Per Connect Speed**

iGneite: Chicago  
Sun Nov 18 2001 - Tue Dec 18 2001



**“What is the peak session per Account and Market?”**

**“How many sessions per day does each Account generate per Market?”**

**“What connection speeds are being achieved per Market & Area Code?”**

PerVigil's Reporting Module (PRM) for RADIUS Based Call Details is fully integrated with OpenView Performance Insight and has the answers to these questions and many more. This PerVigil Reporting Module (PRM) addresses the need for cost-effective massive scale analysis and reporting of call details collected from RADIUS Servers. Whether delivering reports to internal users or external customers, network engineers or executive management, this PRM delivers the reports they need quickly and inexpensively.

### **Benefits:**

- Immediate Out-Of-The-Box Productivity
- Detailed Insight Into Operating Metrics
- Comprehensive Reports
- Both Long-Term & Short-Term Analysis
- Reports For Internal & External Customers
- Easily Modify Reports & Build New Reports
- Integrated With OpenView Performance Insight
- Minimizes Size & Number of Servers Required

The RADIUS Call Detail PRM is specifically designed to enable service providers to gain much greater insight into the operation of their Retail and Wholesale Dial-up services. Using the reports provided, Service Providers are able to clearly demonstrate value to their retail and wholesale dial-up customers. The reports provided also enable effective subscription management so that subscriptions for total simultaneous connections and connections per day can be managed as needed to meet actual demand.

### **The following metrics are provided:**

- Call Count per Hour (0 through 23)
- Total Sessions per Day
- Total Connections Initiated per Day
- Total Duration in seconds
- Average Call Duration
- Peak Session Hour
- Peak Session Count for the Day
- Unique User Count
- Calls connecting <= 14.4 Kbps
- Calls connecting > 14.4 Kbps And <= 28.8 Kbps
- Calls connecting > 28.8 Kbps And <= 33.6 Kbps
- Calls connecting > 33.6 Kbps And <= 42 Kbps
- Calls connecting > 42 Kbps And <= 56 Kbps
- Calls connecting > 56 Kbps

Comprehensive analysis & reporting are provided at the following grouping levels:

- Customer – Area Code
- Customer – Market
- Customer
- Area Code
- Market
- Global

Since all reports are OpenView Performance Insight's RPT/REP format, like all OpenView Performance Insight reports, they can easily be modified to meet specific requirements. New reports can also be created as needed using OpenView Performance Insight's powerful Report Builder GUI.

### **Requirements:**

OpenView Performance Insight 3.6.2 or later



### **About PerVigil:**

PerVigil is a privately held company that delivers highly integrated and automated IT Service Management solutions to Service Providers and Large Enterprise companies. PerVigil products are integrated with OpenView products from Hewlett-Packard to leverage and augment the unique capabilities of each product.

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