



FACT SHEET

- Established 2006
- Dedicated staff of senior network analysts, over 20 years experience
- Expertise in troubleshooting, design and implementation
- Services include: 911 emergency consulting, identifying root cause of critical network problems, correcting critical problems, technical training, education of LAN, WAN, WLAN and VoIP technologies
- Experience in working with organizations of various fields such as financial, education, government, medical, retail, energy and industrial.
- Application analysis that has uncovered problems in a fraction of time and with pin point accuracy.
- Specialists in the use of: NetScout, Sniffer, Fluke, WireShark-Ethereal and AirMagnet tools.



FAQ

What is gearbit?

gearbit is a company that provides network services such as troubleshooting, design and implementation. Their background includes 911 emergency consulting, identifying the root cause of critical network problems

Who is Ray Tompkins?

Ray Tompkins is **gearbit's** Founder, CEO. He is a Senior Network Specialist with over 28 years of experience in the field. Ray is committed to providing customer service through knowledge transfer and education of LAN, WAN, WLAN and VoIP technologies.

What are some of the troubleshooting tools gearbit uses?

The tools **gearbit** uses include: NetScout, Sniffer, Fluke, WireShark-Ethereal and AirMagnet tools.

Who are some of gearbit's customers?

gearbit has customers in different industries, some of them are:

- Baylor
- Blue Bell Creameries
- Chevron
- CMS Energy
- Center Point Energy
- Cypress Fairbanks ISD
- Galveston College
- HP
- Houston Airport Systems
- Interopt
- FDR-TeleCheck
- Mary Kay
- Moody Gardens
- NetScout NGA Sniffer Class
- Austin, Dallas, Houston, San Jose
- Texas A&M
- Schlumberger
- Stewart Title
- Sysco Foods
- Toyota
- UTMB
- Verizon

What are the main services Gearbit provides?

gearbit specializes in providing application analysis able to uncover problems in a fraction of the time and effort. The main services we provide are:

- **Application Analysis** – Review of applications to determine whether bandwidth, server or transaction overloads are the problem and correct them. Microsoft, SQL, HTTP, SMB, Software based VoIP, SIP
- **Network Health Check** – Review traffic loads, for bits per second, packets per second as well as client and server configuration for optimal throughput.
- **Network Troubleshooting** – Onsite visits to examine the problem. Identify the cause and guide the application, network and server teams in the resolution.
- **Wireless**– Live data collection with active and passive surveys to simulate and measure network performance with scientific precision.
- **VoIP**– Approaching, analyzing and solving problems within VoIP infrastructure, quality of services considerations and adhering to VoIP protocols and communication. Understanding enterprise voice and Microsoft software-powered VoIP in an IP telephony environment.

Which courses are available in the Technical Training?

gearbit offers the following courses:

- **Through Put and Performance:** use of tools; monitoring up down status through put; calculating distance, bandwidth and packet latency; Graphs that allow you present the results
- **Network Analysis with Packet Detail:** detailed view of protocols and how they flow through the network. This course empowers the analyst with advanced troubleshooting techniques.
- **Wireless LAN:** you will learn the importance consideration for RF modulation and RF spectrum data; causes of interference and distortion; which tools can assist with simulation and understanding Maximum operational receive levels.
- **VoIP**– Approaching, analyzing and solving problems within VoIP infrastructure, quality of services considerations and adhering to VoIP protocols and communication. Understanding enterprise voice and Microsoft software-powered VoIP in an IP telephony environment.

How can I contact gearbit?

You can contact **gearbit** by calling: 832.643.5871 or emailing ray@gearbit.com

How can I get more information?

More information available on the web at: www.gearbit.com

FOR IMMEDIATE RELEASE



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ANALYSIS SOLUTIONS CHANGES NAME TO GEARBIT

The specialized network solutions company has changed its name and its look

HOUSTON- February 10, 2008- Analysis Solution, a Houston-based provider of application analysis, troubleshooting, design and implementation has changed its name to **gearbit**.

Along with the name change the company has also replaced the logo and updated its website: **www.gearbit.com**

“The new name fits our company better and reflects our services and image in a more effective way than the former name did. Just like we encourage our customers to achieve its best we decided to do the same,” Ray Tompkins, CEO of **gearbit** says.

gearbit areas of expertise include: Application Analysis; Network Health Check; Network Troubleshooting, VOIP, Wireless and technical training.

About gearbit

Est. 2007, **gearbit** has a specialized staff of senior network analysts with experience in troubleshooting, design and implementation. Their background includes 911emergency consulting, identifying the root cause of critical network problems. **gearbit's** goal is to provide increased customer service through knowledge transfer and education of LAN, WAN, WLAN and VoIP technologies. For more information please visit **www.gearbit.com**



Biography

Ray Tompkins, Founder, CEO, gearbit

Ray is a Senior Network Specialist with over 28 years experience in troubleshooting, design, and implementation. His background includes 911 emergency consulting, and identifying the root cause of critical network problems. His knowledge of network protocols (LAN, WAN, WLAN, VoIP) and how they work within the enterprise networks are the key in providing customer service through knowledge transfer and education.

HP Compaq

Ray was a member of a technical team that resolved critical network issues for HP Compaq Computer Corporation worldwide network. This included problem determination for major issues, hard to find and hard to fix problems. HP Compaq Computer Corporation's worldwide network consisted of over 150,000 nodes, 3,000 plus routers and server farms that housed thousand of servers. Networks of this magnitude require specific expertise in diagnosing and resolving problems. He was called upon for technical support to resolve the hard to resolve problems.

Chase Bank

Ray brought his in depth experience to assist with troubleshooting, design, and implementation of LAN and WAN infrastructure. He established the corporate communication protocol for business progression issues such as 911 emergency consulting, identifying the root cause of critical network outages, application issues and client to server problems. As a leader of the IT team Ray was routinely called upon to conduct detailed analysis using specialized industry tools.

Pine Mountain Group

PMG is a company recognized for the technical strength of its Network Analysts. As a veteran member of their Analyst team, Ray worked around the nation, with corporate technology staff and vendors to identify root causes of critical network problems.

Avaya Netcare

At Avaya Netcare, Ray conducted traffic analysis for major customers, providing network information on traffic loads, network analysis, and application analysis. Priority tasks were identified to correct critical router issues, network changes to control traffic issues and resolve response time problems.

Achievements

Interop Speaker Forensic Analysis
Interop Speaker Application Analysis
Interop speaker Tools & Techniques
VP Education SWC Association