

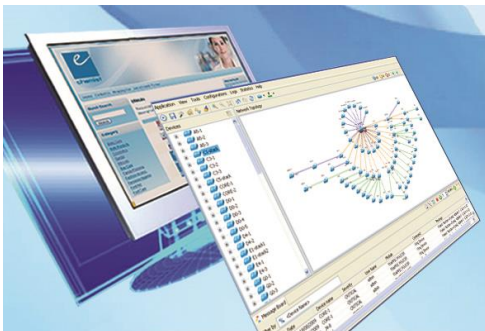


YOUR QUALITY PARTNER FOR SOFTWARE SOLUTIONS

# TMA SOLUTIONS

# Telecom & Network

[www.tmasolutions.com](http://www.tmasolutions.com)



# OVERVIEW

- ❖ 19 years in telecom software R&D
- ❖ Involved in many large and complex projects
- ❖ More than 700 developers and testers
- ❖ Experienced in a wide range of telecom and network products:  
Unified Communication, Network and Access Management, VoIP,  
SIP, Asterisk, Soft Switch, 4G LTE, and Wireless and Edge Router



# SAMPLE TELECOM CLIENTS

AVAYA

Alcatel·Lucent 

 **NTTSOFT**

 **GENBAND**  
DRIVING THE NETWORK EVOLUTION

 **ShoreTel**  
Brilliantly simple

**NEC**

amdocs

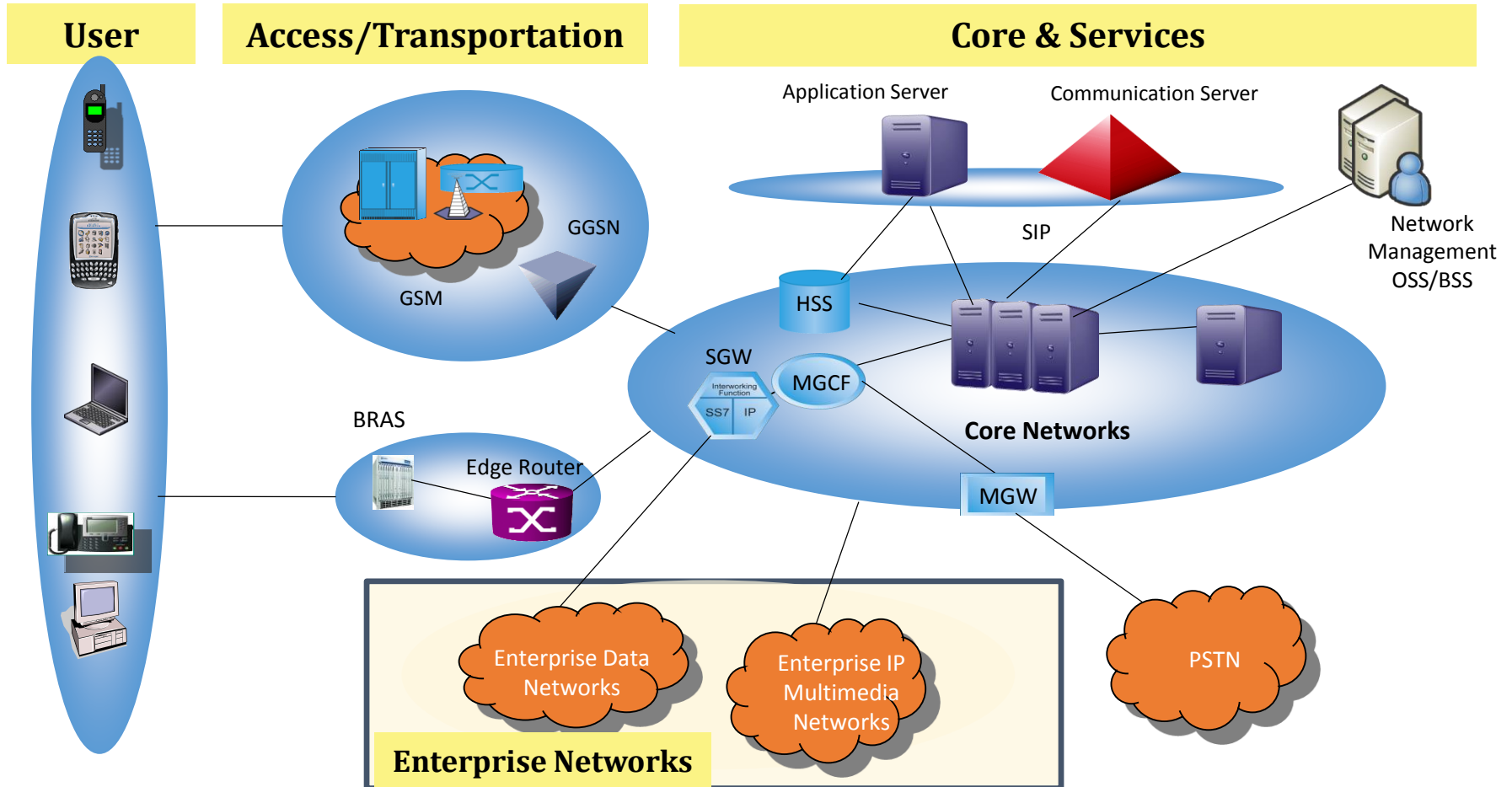
**TechM@trix**

**HITACHI**  
Inspire the Next

# SAMPLE PROJECTS

- ❖ **Unified Communications**
- ❖ **Enterprise Communications**
- ❖ **IP PBX**
- ❖ **Contact Center, IVR**
- ❖ **Media Gateway, IMS**
- ❖ **Mobile VoIP**
- ❖ **VoIP/SIP/Cloud Phone**
- ❖ **Asterisk, Soft Phone**
- ❖ **Security & Wireless Router**
- ❖ **Network Management**
- ❖ **Access Management**
- ❖ **Broadband Access Management**
- ❖ **Carrier VoIP and Applications**
- ❖ **Universal Convergence Gateway**
- ❖ **Service Edge Router**
- ❖ **GGSN**
- ❖ **4G LTE**
- ❖ **Web Switching and Firewall**

# INVOLVED AREAS



# PRODUCTS & APPLICATIONS

Products & Applications	Number of Engineers
Enterprise Communication, IP PBX, Unified Communication	350
Carrier VoIP Applications	100
Network Management, OSS/BSS/CRM	300
Contact Center/IVR Solutions	80
Network Routers/Switches	50

# SKILL SET

Areas	Number of Engineers	Skills
<b>VoIP Technologies</b>	<b>400</b>	VoIP, NGN, IMS, MPLS, ISDN, PSTN, VRRP, MGCP, SIP, RTP
<b>Wireless Technologies</b>	<b>50</b>	4G LTE, VoLTE, EPC, E-UTRAN, CSFB, GSM, GPRS, CDMA, UMTS, 802.11-WiFi, 802.16-WiMax
<b>Signaling &amp; Protocols</b>	<b>200</b>	SIP, H.323, H.248/MEGACO, SS7/CCS7, Codecs, ISDN
<b>Applications &amp; Services</b>	<b>350</b>	SIP, RTP, RTSP, HTTP, SSH, DHCP, SNMP, Audio Voice Services
<b>Networking, Routing, Infrastructure</b>	<b>300</b>	BGP, ISIS, MPLS, OSPF, 1483 Bridge Group, ARP, STP, L2TP, PPP, ATM, TCP/IP, LAN/VLAN, NGN, MPLS, IPv6, IPsec, SSH

# EXPERIENCE IN LARGE & COMPLEX PROJECTS

## ❖ Most telecom projects:

- 50 – 300 engineers
- involving teams in different time zones
- demanding a diverse set of skills and technologies
- high availability and reliability requirements for mission critical applications
- multi -year







# THANK YOU

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