Innovation in Secure, Highly Reliable Wireless Communications

Industry Leadership

Driving Industry Innovation and Standards

TCS is at the forefront of emerging technologies and solutions with over 400 granted patents and over 300 applications pending worldwide.

Working Within Industry Best Standards

TCS is ISO 9001:2008, TL 9000 certified, and ISO 27001:2005, and we operate the only non-carrier TL 9000-certified wireless and VoIP E9-1-1 Network Operations Center (NOC) in the United States.

Participating in Industry Collaboration

TCS is active within leading industry associations both nationally and internationally.

Telecommunications and Technology:

- Alliance of Telecommunications Industry Solutions Wireless Technologies and Systems Committee (ATIS-WTSC) and Interim Non-Voice Emergency Services (ATIS-INES)
- Cellular Telecommunications & Internet Association (CTIA)
- European Telecommunications Standards Institute (ETSI)
- Global System for Mobile Communications Association (GSMA)
- Greater Baltimore Committee (GBC)
- Great Baltimore Technology Council (GBTC)
- Internet Engineering Task Force (IETF)
- National Cable & Telecommunications Association (NCTA)
- Organization for the Advancement of Structured Information Standards (OASIS)
- SMS Forum
- Telecommunications Industry Association (TIA)
- Third Generation Partnership Project 2 (3GPP2)
- Vehicle Traffic Information Coalition (VTIC)
- Wireless Interoperability for Microwave Access (WiMax) Forum

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TCS TeleCommunication Systems
Enabling Convergent Technologies®

Carrier/Operator:

- BlackBerry Developer
- Competitive Carriers Association (CCA)
- COMPTEL
- Network Reliability & Interoperability Council (NRIC VII)
- Open Mobile Alliance (OMA)

Public Safety:

- Advanced Emergency Communications Coalition (AECC)
- Association of Public-Safety Communications Officials (APCO) International
- E9-1-1 Institute
- Emergency Services Interconnection Forum (ESIF)
- Industry Council for Emergency Response Technologies (iCERT)
- National Emergency Number Association (NENA)

Government:

- Armed Forces Communications & Electronics Association (AFCEA)
- Association of the United States Army (AUSA)
- Chesapeake Regional Tech Council (CRTC)
- Fort Meade Alliance (FMA)
- National Defense Industrial Association (NDIA)
- Satellite Industry Association (SIA)
- Serial ATA International Organization (SATA IO)
- Society of American Military Engineers (SAME)
- World Teleport Association (WTA)

Your Established Partner

TeleCommunication Systems, Inc. (TCS), headquartered in Annapolis, Maryland, is a world leader in secure and highly reliable wireless communications. Our patented solutions, global presence, operational support and engineering talent enable 9-1-1, commercial location-based services and deployable wireless infrastructure; cybersecurity; defense and aerospace components; and applications for mobile location-based services and messaging. Our principal customers are wireless network operators, defense and public safety government agencies, and Fortune 150 enterprises requiring high reliability and security. Learn more at www.telecomsys.com.

Making Connections that Matter®

Leading provider of location-based services (LBS) in the world, processing over 4 billion transactions per month.

No. 1 provider of precise device location in the world.

Over a decade of experience in navigation, mapping and telematics.

Handled more than 4 trillion text messages since 2008 as a world leader in messaging technology.

Over 1200 wireless and beyond line-of-site systems deployed worldwide, supporting over 60,000 users.

TCS TeleCommunication Systems
Enabling Convergent Technologies®

Location Toolkit

Tactical Transportable TROPO (3T)

TCS Wireless E9-1-1

Connections that Matter®

Secure, reliable, and competitive communications solutions.

A soldier under fire radios command. A victim uses her cell phone to call or text 9-1-1 for help. A 9-1-1 operator dispatches the caller's exact location. A driver uses GPS to find his way. A parent uses his cell phone to check his child's location. A friend texts to say she cares. And a patient uses a tablet for a doctor consult from home.

These are Connections that Matter®.

TCS' innovative technologies make these connections possible. And in doing so, we are improving the quality of life for people worldwide.

Business Divisions

Operator/Carrier Solutions

As a pioneer of wireless applications, TCS leads the industry in text messaging and mobile location infrastructure.

TCS is the leading global location-based services (LBS) infrastructure vendor with more than 40 precise location systems deployed that generate more than 6 billion transactions per month. We are a global leader in precise location services, offering 99.999-percent reliability, and the most accurate location fix available - indoors or outdoors.

Carrying approximately one-third of U.S. text message traffic, we delivered over 4 trillion text messages over the last year. Our comprehensive end-to-end messaging solutions are fully integrated and standards- based.

Telematics and Navigation

TCS is at the forefront of new mobile cloud computing services and provides wireless applications for navigation, hyper-local search, asset tracking, social applications, and telematics. Millions of consumers around the world use our branded and white-label wireless applications as an indispensable part of their daily lives.

Today, we serve more than 40 percent of the total U.S. mobile market with our navigation/telematics solutions. Our highly available technology supports more than 1,200 mobile devices with global coverage in over 100 countries and 10 languages.

Secure, reliable, and competitive communication solutions.

At the forefront of E9-1-1 services, TCS deployed the first wireless E9-1-1 solution and pioneered the methods by which U.S. public safety answering points (PSAPs) are able to receive a wireless or Voice over Internet Protocol (VoIP) subscriber's location during calls for emergency assistance. Our public safety solutions support 50 percent of today's U.S. wireless E9-1-1 calls, and our award-winning wireless and VoIP E9-1-1 solutions, together with our wire line solutions, serve more than 160 million wireless and Internet Protocol (IP)-enabled devices.

We are leaders in providing Next Generation 9-1-1 (NG9-1-1) solutions for emergency communications and offer an end-to-end suite of map-centric, i3-aligned

public safety solutions. TCS' Text-to-911 product suite provides a reliable, cost-effective solution that meets PSAP requirements, while providing the public with a mainstream communication channel to contact emergency services via text messaging.

The TCS Network Operations Center (NOC) is the only non-carrier TL 9000-certified facility that provides wireless and VoIP E9-1-1 location service support in the United States.

Professional Services

We bring proven problem-solving expertise and experience to our professional services offerings and tailor those services to the needs of each client. From continuity capability and information assurance to cybersecurity and integrated logistics support, we solve the toughest technical challenges under conditions that demand the highest level of reliability, availability, and security.

Government Solutions

Over the past two decades, TCS has established a proven track record as a trusted provider of highly reliable, available, and secure communication technologies to solve some of the U.S. government's toughest technical challenges in the harshest environments.

To ensure mission continuity, we offer a wide range of deployable communications solutions. TCS solutions provide a wide range of satellite, baseband, and

wireless communications capabilities to transport encrypted voice, video, and data.

TCS Satellite Services provide complete, end-to-end solutions for converged (IP-based) voice, video, and data to organizations requiring seamless, highly secure connectivity between fixed sites and remote operations on land and at sea. These services are managed through the TCS global network, our owned and operated satellite teleport infrastructure, our around-the-clock Satellite Operations Center, and our global field service force.

TCS TotalCom™ is the market's most complete and integrated set of secure communications products, services, and global support capabilities for the secure delivery of mission-critical voice, video, and data. TCS TotalCom includes managed satellite services, wireless communications systems, integrated global support, information assurance, and a suite of total communications applications.

TCS Space & Component Technology is recognized as an industry leader and global supplier of high reliability products and services for the Aerospace, Military, and Industrial markets.

Cyber Intelligence

TCS Cyber Intelligence Group provides cyber solutions to both government and commercial customers. From program management, software engineering, and information assurance to enterprise architecture and cyber warfare, We help harden highest-value entities, systems, and networks against cyber attack. We also offer a rigorous cybersecurity curriculum that provides comprehensive computer network operations training.

TCS