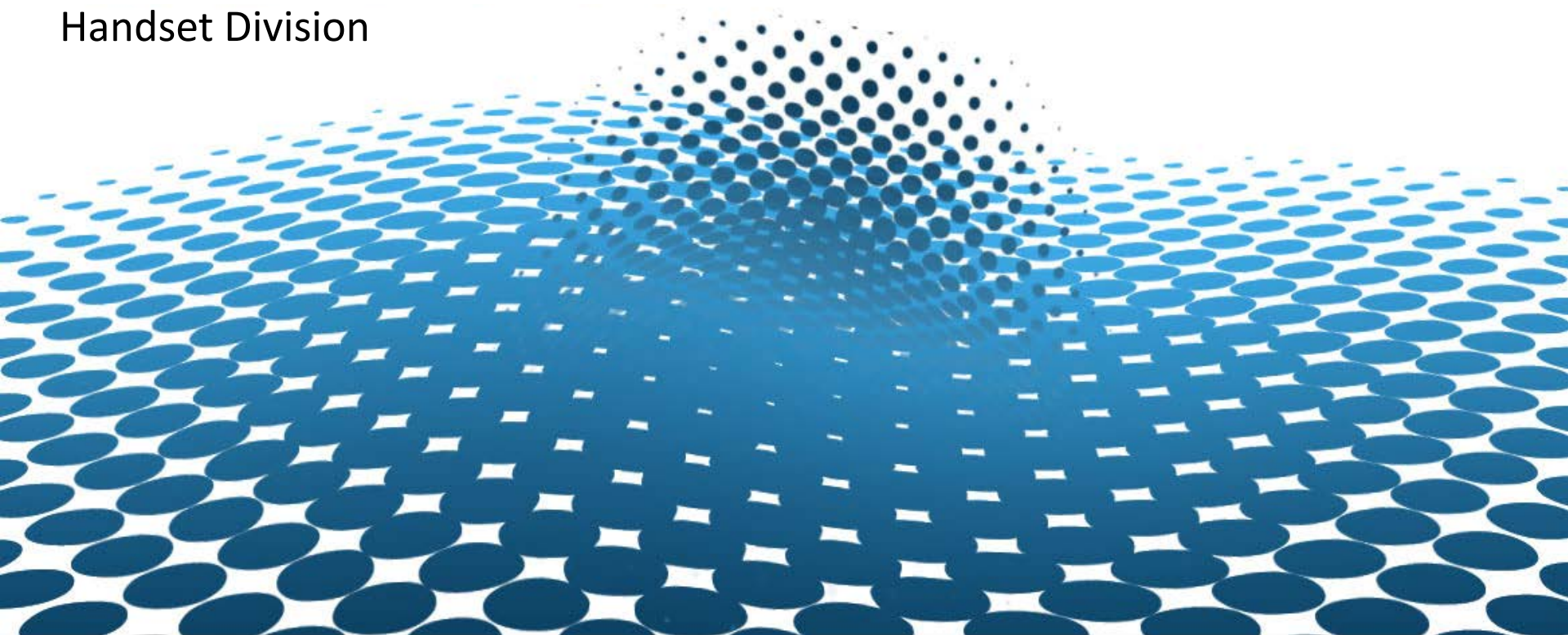




Handset Division



Overview

- 3S Network has been in business for over 10 years and has positioned itself to be a leader in providing Turn Key Construction, Installation, Integration, RF Optimization Services, and UE testing in the Wireless Broadband Space. 3S Network has worked in the following domains:
 - Device Engineering (Testing/Bench Marking)
 - RF Planning
 - RF Optimization (Network Rollout)
 - IBS RF Services (Walk Test & Optimization)
 - Integration and Commissioning
 - Resource Augmentation
 - Network Audit
 - Services Benchmarking (Customer Experience & QoS)
 - Mobile Testing Service (Van and Driver)
- With the ability to deliver all these services we can provide our clients a “Single Point of Contact” and “ One Stop Shop” for all of their requirements related to RF Engineering, Network Engineering & Resource Augmentation. This approach provides a streamlined process and cost effective method of deployment.



Services Offered

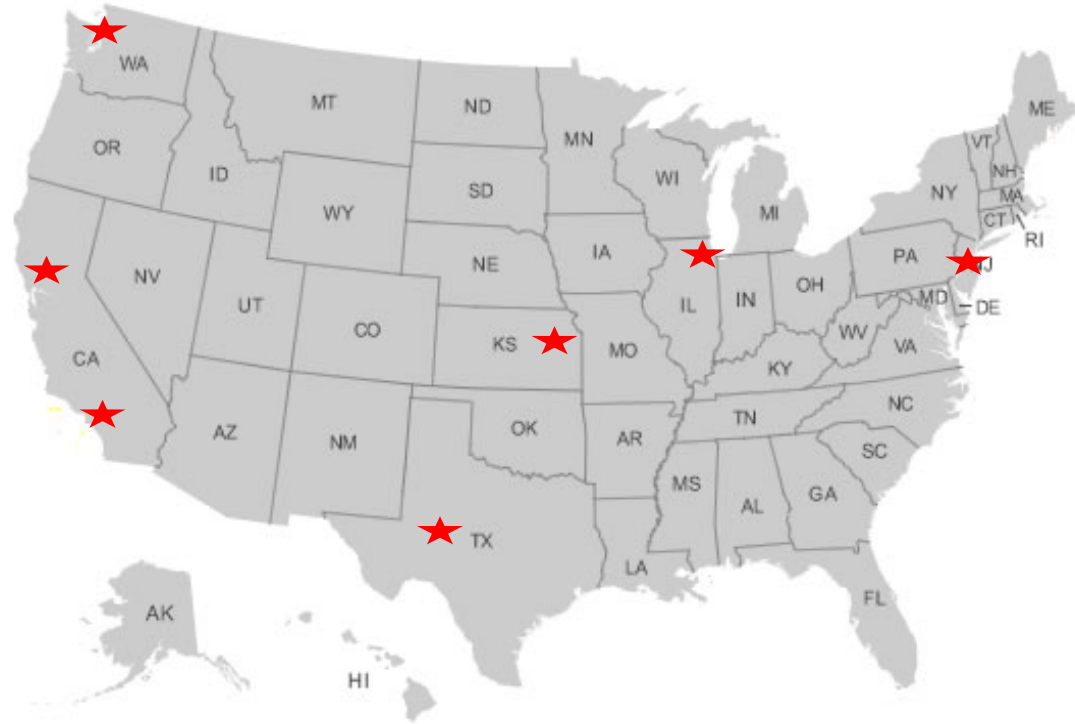
- Handset Testing
- RF Design & Optimization
- Drive Testing (Data Collection, Test Van Services, etc.)
- Civil Work
- Integration and Commissioning
- Maintenance (Tower and Cell Site)
- Resource Augmentation
- Training
- Network Audit
- Bench Marking



U.S. Locations

- Rancho Santa Margarita, CA (HQ/H)
- Pleasanton, CA (S/H)
- Bellevue, WA (S/H)
- Dallas, TX (S/H)
- Overland Park, KS (H)
- Chicago, IL (H)
- South River, NJ (H)

HQ – Headquarters
S – Satellite Office
H – Hub



International Locations

- Dubai, UAE (S)
- Dhaka, Bangladesh (S/T)
- Toronto, Canada (S)
- Vancouver, Canada (S)



S – Satellite Office

T – Training Hub

Our Partners



- Samsung
- Verizon
- T Mobile
- Metro PCS
- Sprint
- AT&T
- Ericsson
- Alcatel-Lucent
- Philips
- RIM

Mobile Device Testing

- Pre and Post launch UE Testing and Debugging
 - AP/CP testing.
 - Issue logging and analysis.
 - Test Plan creation and execution
 - TA analysis/reporting
- Chipsets
 - Qualcomm
 - VIA
 - Samsung
- Diagnostic Monitors and Instruments
 - ✓ QXDM ✓ TEM's ✓ QCAT
 - ✓ XCAL ✓ TEM's Pocket ✓ Actix
 - ✓ ETS ✓ TEM's Discovery ✓ RF Scanners
- Route information for various carriers and tests.
- Canvassing for new routes based on specific test plan requirements.



Mobile Device Testing - Scope

- Field Interoperability Test (FIT)
- Regression Testing
- Protocol Testing
- Aging Test
- VOLTE/VOIP
- IPV6
- Menu Trees
- Application and Widget Testing
- Basic Functionality (BFT)
- Level Cases
- FOTA
- GOTA
- Kies Update
- GPS Testing
- Data Throughput
- Current Event Consumption
- Practical Power Consumption
- EAS (Exchange ActiveSync)
- GSM/CDMA Field Sanity
- WiFi Calling
- Call Drop
- Sound Path
- Sound Quality Test
- Web Connection Rate



Mobile Device Test Team's

- 3S Network provides unique and comprehensive support by offering a team package. Each team consist of the following resources available for 60 hour per week:
 - 4 Device Testers
 - 1 Van and Driver
 - 1 Accuver XCAL or TEM's Investigation Dongle
- Efficient and Resourceful
 - Over **50% more** man hours per week ensures goals and targets are met.
 - During business trips, save additional resources by allowing 3S Network's internal hospitality services to facilitate our member's travel arrangements.
 - Readily available RF tools and network experience.



VAN AND DRIVER SERVICES

- Equipped vans for mobile network and UE testing.
- DC/AC inverters to power test equipment and samples.
- Custom designed tables to ensure comfort and equipment safety.
- Safe, experienced drivers that understand the team's needs.





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