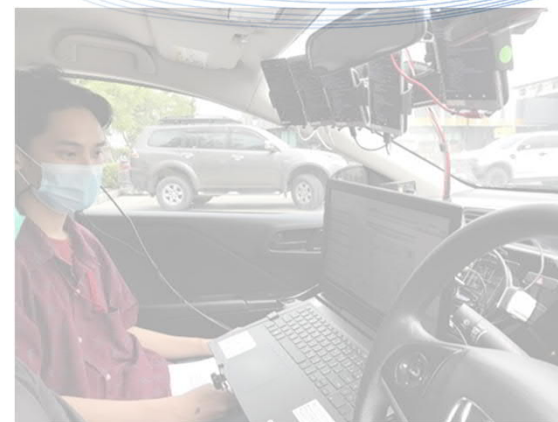


RF PROJECT EXPERIENCES



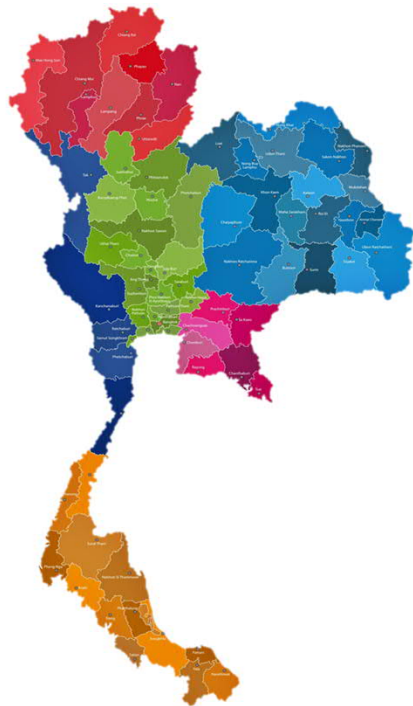
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PROJECT EXPERIENCES with NBTC



RF Project : Thailand

Year 2018 to Present



Y18

NBTC QoS Audit

Y19

- NBTC MoS Benchmarking Project
- NBTC LTE-A Benchmarking project

Y20

- NBTC MoS Benchmarking project
- NBTC LTE-A Benchmarking project

Y21

- NBTC MoS Benchmarking project
- NBTC LTE-A Benchmarking project

Y22

- NBTC LTE-A Benchmarking project

Y23

- NBTC SA/NSA Benchmarking project
- NBTC Mos Benchmarking Project

ACE

PROJECT EXPERIENCES



true

NPM Package TRUE EAS Project

RF AIS/HWT Expansion EEC Project

NPM Package AIS EEC Project

True Expansion East Project

RF Project : Thailand

Year 2021 to Present

PROJECT EXPERIENCES

RF Project : Thailand

Year 2020 to Present

ZTE

true

UPC8 Upper South

- TRUE GUL Swap “UPC8 Upper South Project”
 - GL900 / L1800 / UL2100 / LN2600
 - Pre-SWAP Drive Test Data Collecting
 - SSV Testing for Functionality and Mobility Test
 - Post-SWAP Drive and Optimization Acceptance
 - FAT Acceptance
- Black Cell Phase Optimization at “UPC8 Upper South Project”
 - GL900 / L1800 / UL2100 / LN2600 / LN700
 - Pre – Post Drive Test for Antenna Replacement
 - SSV Testing for Functionality and Mobility Test
 - Tuning and Optimization Acceptance
 - FAT Acceptance
- Expansion Phase “UPC8 Upper South Project”
 - GL900 / L1800 / UL2100 / LN2600 / LN700
 - Pre – Post Drive Test for Antenna Replacement
 - SSV Testing for Functionality and Mobility Test
 - Tuning and Optimization Acceptance
 - FAT Acceptance

ACE



PROJECT EXPERIENCES

RF Project : Thailand

Year 2020 to Present

ZTE

true

UPC9 Lower South

- TRUE GUL Swap “**UPC9 Lower South**”
 - GL900 / L1800 / UL2100 / LN2600
 - Pre-SWAP Drive Test Data Collecting
 - SSV Testing for Functionality and Mobility Test
 - Post-SWAP Drive and Optimization Acceptance
 - FAT Acceptance
- Black Cell Phase Optimization at “**UPC9 Lower South**”
 - GL900 / L1800 / UL2100 / LN2600 / LN700
 - Pre – Post Drive Test for Antenna Replacement
 - SSV Testing for Functionality and Mobility Test
 - Tuning and Optimization Acceptance
 - FAT Acceptance
- Expansion Phase “**UPC9 Lower South**”
 - GL900 / L1800 / UL2100 / LN2600 / LN700
 - Pre – Post Drive Test for Antenna Replacement
 - SSV Testing for Functionality and Mobility Test
 - Tuning and Optimization Acceptance
 - FAT Acceptance

ACE



PROJECT EXPERIENCES

RF Project : Thailand

Year 2020 to Present



TRUE UPC5 East Region

- True Expansion Project Clearing Black Cell :
 - GL900 / L1800 / UL2100 / LN2600
 - CVT (Stationary Test and Drive Coverage Test)
 - Cluster Optimization until PAT approve
- True Expansion Project GEO Market Problem Area Improvement Y2022
 - GL900 / L1800 / UL2100 / LN2600
 - CVT (Stationary Test and Drive Coverage Test)
 - Cluster Optimization until PAT approve

ACE



PROJECT EXPERIENCES

RF Project : Thailand

Year 2020 to Present



- AIS GUL Swap Project: Include Expansion LNR700/LNR2600/Pre/Post/SSV/Cluster Optimization until PAT approve North East Region
- AIS GUL Swap Project: Include Expansion LNR700/LNR2600/Pre/Post/SSV/Cluster Optimization until PAT approve Non EEC Region
- AIS 4G/5G Expansion Project: Include LTE2600/LNR2600 SSV, Cluster Optimization until PAT approve Non EEC Region.
- AIS Swap NER Region

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PROJECT EXPERIENCES

ACE



true

- TRUE 5GNSR/LTE2100/1800,UMTS2100/850 and GSM900 Rollout project East region Cluster Drive Test and Optimization until PAT-FAT
- TRUE 5GNSR/2600/700 Rollout project East region Cluster Drive Test and Optimization until PAT-FAT



true

Project Year 2020:

- TRUE LTE2100/1800,UMTS2100 and GSM900 Rollout project UPC8 South Region Cluster Drive test and Optimization until PAT-FAT
- TRUE 5GNSR/2600/700 Rollout project UPC8&9 South Region Cluster Drive test and Optimization until PAT-FAT

RF Project : Thailand

Year 2019 to 2020

PROJECT EXPERIENCES



- TRUE LTE2100/1800,UMTS2100 and GSM900 Rollout project UPC8 South Region Cluster Drive test and Optimization until PAT-FAT
- TRUE LTE2100/1800,UMTS2100 and GSM900 Rollout project UPC8 South Region Cluster Drive test and Optimization until PAT-FAT



- DTAC Post-Optimization Project Rental
- DTAC Benchmarking Project

RF Project : Thailand

Year 2018 – 2020

PROJECT EXPERIENCES

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DTAC TDD 2300 Rollout project Cluster Drive test and Optimization until PAT-FAT 2500+ site

RF Project : Thailand

Year 2018 – 2020

PROJECT EXPERIENCES



RF and TI Project : Thailand

Year 2018 – 2020

ACE



- Y2018 Provide 7 Teams of Drive Test Analysis, 7 Drive Test Engineer and 3 Riggers support 3G/4G RF Optimization service in Central zone
- Provide 7 Teams of Drive Test Analysis, 7 Drive Test Engineer and 3 Riggers support 3G/4G RF Optimization service in Northeast zone
- Y2019 Provide 7 Teams of Drive Test Analysis, 7 Drive Test Engineer and 3 Riggers support 3G/4G RF Optimization service in Central zone
- Y2020 Provide 7 Teams of Drive Test Analysis and 7 Drive Test Engineer support 3G/4G RF Optimization service in Central zone

PROJECT EXPERIENCES

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RF Project : Thailand

Year 2015 – 2016



AIS 3G 2100 FAT and Optimization Batch01.North East Region

AIS 3G 2100 FAT and Optimization Batch02.North East Region

AIS 3G 2100 FAT and Optimization Batch03.North East Region

AIS 3G 2100 FAT and Optimization Batch05.North East Region

AIS3G2100 FAT and Optimization Batch06.North East Region

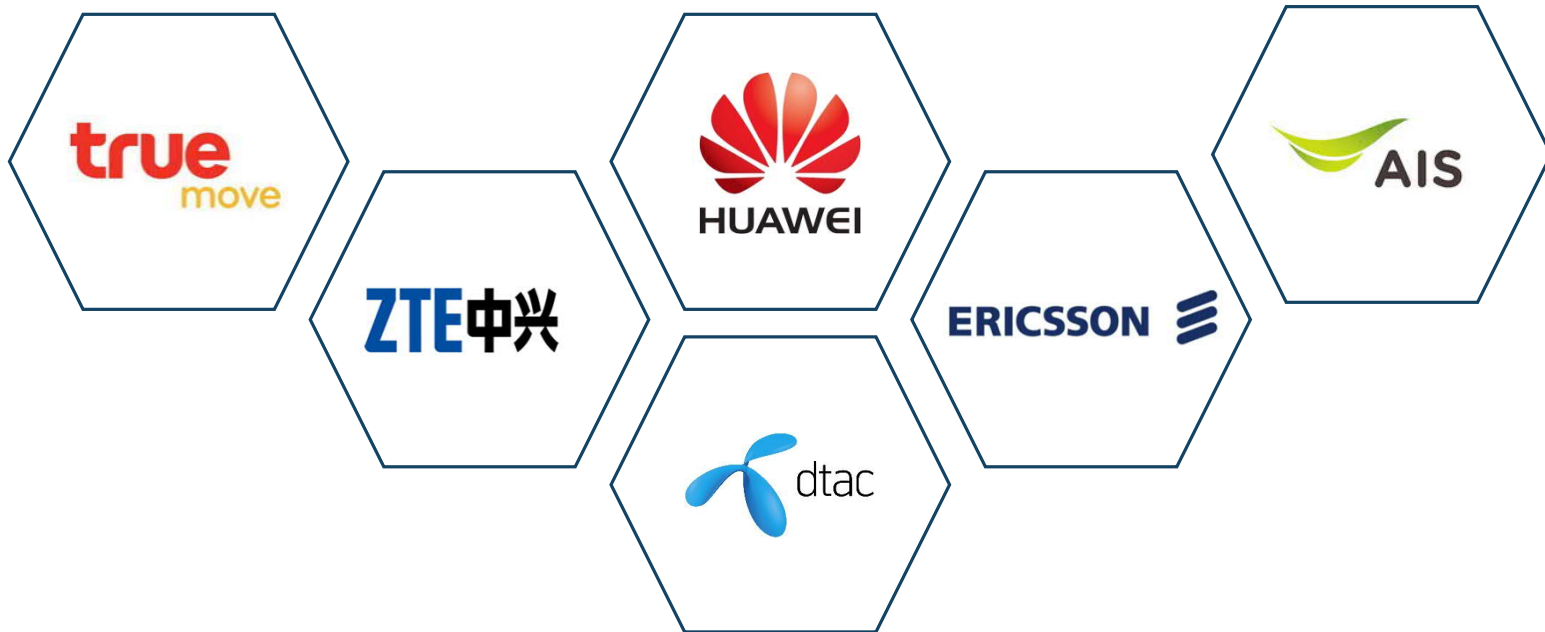


- AIS3G2100 FAT and Optimization Batch06.North East Region
- AIS3G2100 Project: Include SSV, Cluster Optimization and North East Region
- AISLTE1800 Project: Include SSV, Cluster Optimization and North East Region
- AISLTE2100 Project: Include SSV, Cluster Optimization and North East Region



- TRUE LTE2100/1800,UMTS2100 and GSM900 Rollout project UPC8&9 South Region Cluster Drive test and Optimization until PAT - FAT

TI & Site Survey and Design (S&D) PROJECT EXPERIENCES



PROJECT EXPERIENCES

Services : Site Installation

TI Project : Thailand
Year 2022 to Present



ACE



- ▶ Ericsson TMV TDD Installation Year 2022 until present (C&W 88 sites up)



- ▶ Ericsson Dtac TDD RRU replacement and Torque Year 2022 until present (C&W and BMA 325 sites up)



- ▶ HW True MBB Installation (BMA 46 sites up)
- ▶ (Upgrade, Split , Add Sector 850/900/1800/2100) Year 2022 until present

PROJECT EXPERIENCES

Services : Site Survey and Design (S&D)

TI Project : Thailand

Year 2018 to 2021



- ▶ True 5G MBB Installation BMA Project (30 sites) Year 2021
- ▶ ZTE Swap Non EEC Project ongoing (100 sites up) Year 2021
- ▶ True 5G MBB Installation BMA Project (80 sites) Year 2020
 - ▶ True 4G Capacity expansion (350 sites) Year 2019
 - ▶ ZTE AIS Installation TI Service Year 2019
- ▶ True 4G Capacity expansion (350 sites) Year 2019
- ▶ True 4G Capacity expansion (66 sites) Year 2018
- ▶ True 4G Capacity expansion (66 sites) Year 2018

PROJECT EXPERIENCES

TI Services : Installation and Commissioning



TI Project : Thailand

Year 2018 to Present

ERICSSON



ZTE中兴

true
move

AIS

dtac

ACE

- ▶ ZTE Expansion Non EEC Project ongoing (50 sites up) Year 2022
 - ▶ ZTE Swap Northeast Project (45 sites) Year 2022
 - ▶ ZTE Swap Non EEC Project (125 sites) Year 2021
- ▶ True 5G MBB Installation BMA Project (105 sites) Year 2021
- ▶ True 5G MBB Installation BMA Project (315 sites) Year 2020
 - ▶ True 4G Capacity expansion (80 sites) Year 2020
- ▶ True MBB Installation (East and BMA 80 sites up)
 - ▶ ZTE AIS Installation TI Service Year 2019 (85 sites up)
 - ▶ (Upgrade, Split , Add Sector 850/900/1800/2100) Year 2018
- ▶ Ericsson Dtac TDD Installation Year 2018 until present (56 sites up)
 - ▶ Huawei True 8T8R Installation (16 sites up)
- ▶ ZTE AIS Installation TI 6 Phase project Year 2019 (100 sites / Northeast)
 - ▶ True MBB Installation (East and BMA 80 sites up)
 - ▶ (Upgrade, Split , Add Sector 850/900/1800/2100) Year 2018 until present
 - ▶ Ericsson Dtac TDD Installation Year 2018 until present (56 sites up)
 - ▶ Huawei True 8T8R Installation (16 sites up)