

# COMPANY PROFILE

REBORN TO BE BETTER



## *INTRODUCTORY*

---

PT. Nusantara Duasatu Telematika has been established since 1999 and is involved in various construction projects, particularly in the telecommunications sector. In development form one of the areas of expertise of PT. Nusantara Duasatu Telematika namely Tduasatu.

Tduasatu have a specific field of manufacturing steel poles to meet the needs of the market, especially in the construction sector of telecommunications.

### Vision

Tduasatu committed in providing quality products steel pole as telecommunications construction material.

### Mission

Tduasatu always produce the products according to the specifications required

Tduasatu always work quickly and accurately by constantly maintaining product quality

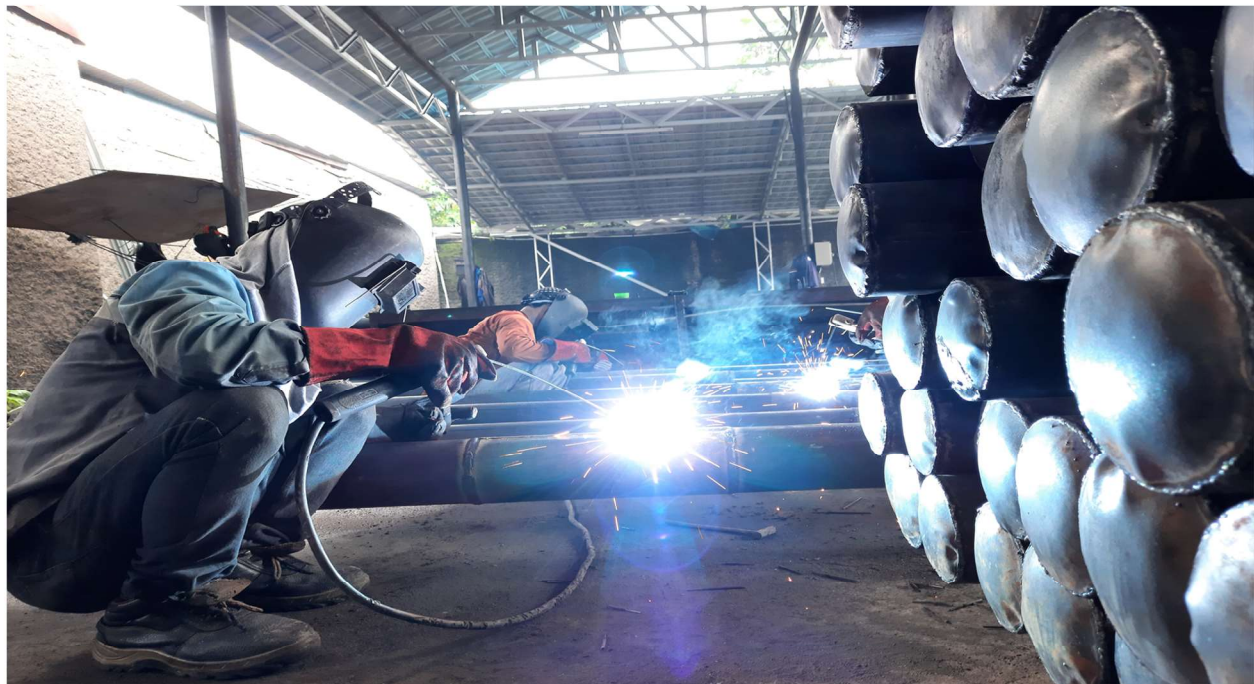
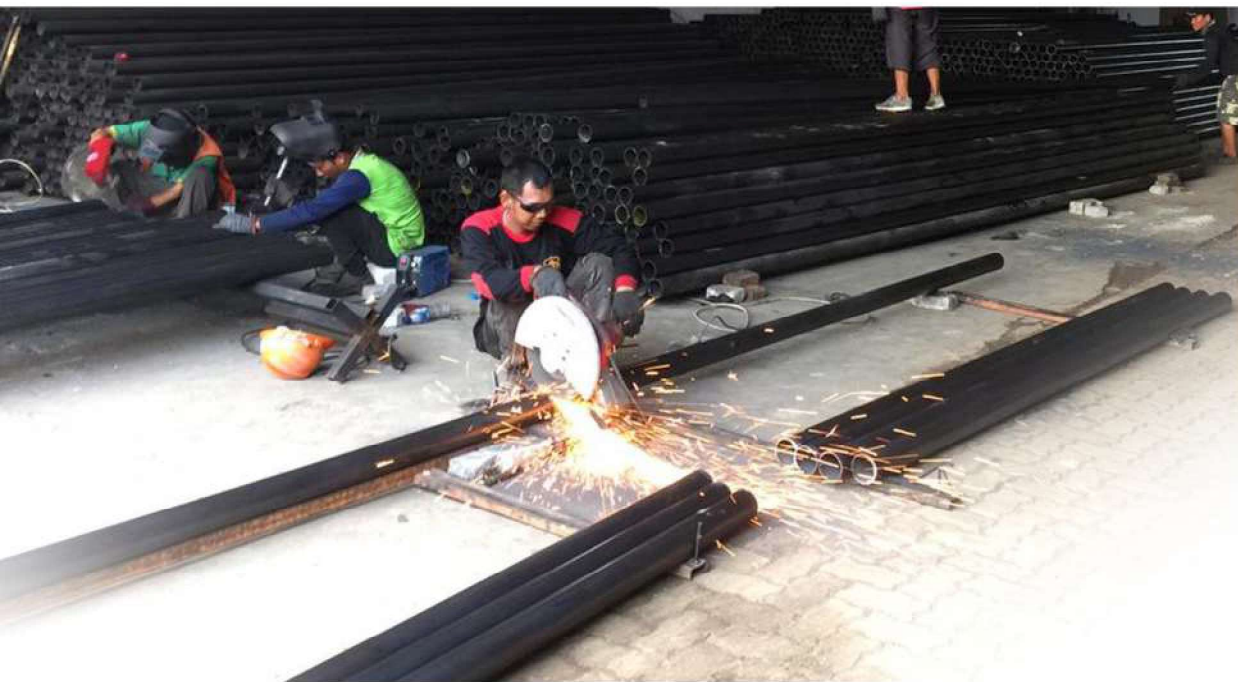
Tduasatu always innovating in various aspects of work





## *TRAINING & SUPPORT*

Nusantara Duasatu Telematika conduct several unofficial and refreshing training courses in Jakarta as we take customer support seriously and maintain better relation to our client.



## COMPANY OVERVIEW

---

PT. NUSANTARA DUASATU TELEMATIKA, as a private company, has decided that to focus our goal, we will only specializing in the field of telecommunications as the main business.

Our good relationship with a respectfully cellular operator companies has not only enhanced our reputation but also assisted in setting up the right direction for PT. Nusantara Duasatu Telematika to face the challenge of the future.

As a service & maintenance company, step by step our reputation has widely known, as we have committed to a quality, assisting to create a job opportunities and at the same time acquiring the related technology trying our best to perform client satisfaction.

1. COMPANY'S NAME : PT NUSANTARA DUASATU TELEMATIKA
2. COMPANY'S STATUS : PRIVATE COMPANY
3. NATURE OF BUSINESS : COMMUNICATIONS & INFORMATION TECHNOLOGY
4. NOTARIAL DOCUMENT : 105 *By. Drs. Atrino Leswara, S.H.*  
No: 2579/09- 04/PB/XI/99  
*07 By. Irawan Gatot Safii, S.H., M.Kn.*  
No: 313/KEP.400.20.3/XI/2017
5. OPERATING PERMITS : Trading Licence
6. BANKER : BANK MANDIRI  
HANA BANK  
BANK BCA
7. LEGAL ADDRESS : JL. BANGKA RAYA NO.33 UNIT 1.05A PELA  
MAMPANG, JAKARTA 12730
8. Phones : 62-21-27870643
9. Email : [marketing@n21telematika.com](mailto:marketing@n21telematika.com)

## ***BUSINESS AREA***

Our products and services, such as :

- Design, developing and implementing Telecommunication Out-Side Plan, trunking, cellular as well as transmission using fiber optic and or radio microwave.
  
- Site Acquisition :
  - Site Hunting and initial work
  - The preparation phase of network roll out.
  
- Initial Design Survey :
  - RF obstacles
  - Coverage target area cell site
  - Specific site position
  - Site address
  - GPS coordinate antenna type, placement, direction and tilting
  - Other required works. (as per requirements)
  
- Loss Survey :
  - Site survey candidate transmission sites
  - Site survey for line of sight between the transmission sites

- Analyzing loss possibility among transmission site
- **Site Construction :**
  - Moving BTS rack
  - Moving antenna system
  - Moving transmission part indoor and outdoor
  - Moving BSC rack
  - Moving TRAU
  - Moving transmission part indoor and outdoor
  - Tower design
  - Tower installation
  - Dismantling and relocation of BTS
  - Cable Tray and supporting items.
- **Compact Mobile Base Station (Combat) :**

Installation and Dismantle of Mobile BTS (Combat), including :

  - Site hunting
  - Site acquisition
  - Legal permits
  - Installation / Dismantle of mobile BTS (tower erection and equipment installation / dismantle)
- **Telecommunication Shelter and Tower for remote area**
- **Civil, Mechanical and Electrical**

□ **Service and maintenance for communication equipment**

To keep the equipments in their optimum performance, there is a preventive action that will need to be done, so if there should be any defect or troubles on the equipments, we can take some actions before it has reach failure or break down. This services will be in monthly basis and covers mostly equipment checking, cleaning and light repairs.

□ **Indoor solution**

*a. Indoor system design and installation as follows:*

- Indoor design
- Indoor installation material calculation
- Feeder Installation, includes :
  - Feeders running
  - Labeling
  - Weather Proofing
  - Cable Tray
- Antenna Installation, both
  - Omni – directional Antenna
  - Panel – directional Antenna
- Splitter & Tapper Installation
- Grounding System Installation

*b. Indoor system acceptance*

- Installation Acceptance Test, includes :
  - Visual Test
  - Measurement Test

- Complete System Acceptance Test
- Acceptance test will be conducted at every committed coverage. Measure all variables that set by customers, include coverage level and quality level.
- Spillage Test

c. *Indoor coverage, including :*

- Hotels
- Malls / Shopping Centre
- Airports
- Corporate Offices
- Sport Arena and Stadiums
- Conference Venues

□ GSM, DCS and CDMA Repeater

□ Network Benchmarking

Compare the quality of one cellular provider with others from technical point of view. Our accountability is the most important factor and we commit to deliver the most independent option to our valued customer.

Our services include:

○ Continuous Calls

These section activities to be undertaken to know the average signal received at conducted area

○ Periodic Calls

Call length time: 2 minutes



Time between two calls: 10s

Number of Calls :  $\geq 150$  times

Pause dial delay (PDD)

- Test Calls

Originating / Terminating Call Intra Network

Originating / Terminating Call Inter Network

HO Test between Cell (Intra and Inter BSC)

Emergency Call

Call to voice mail number (Up link quality)

Pause dial delay (PDD)

Those above services are optional, depending on our valued customer requirements.

- **Networks Optimization**

- Evaluated system statistic to determine the spatial distribution of traffic
- Define drive test routes, which enable standard test calls to be made at an intensity that reflects the system traffic
- Perform the drive testing and collect the call statistics
- Evaluate the call test data
- Prepare the test report

- **Radio Transmission and RBS Installation**

As one of our specialty, we are capable to do the radio transmission. Starting from determine which links available to configures the best configurations for every clients needs.

□ **BTS Installation & Calibration**

For these services, we offer to calibrate BTS moduls and set it to the conditions as they were when first installed. This is meant to maintain the coverage and frequency of clients in their optimum performance.

□ **Site Audit, RF Audit**

Our network audit services including the physical inspection of specific area of the network to a comprehensive check of all network equipments and conducting site visit as well as recording all necessary things to find any possible problems and report it as soon as possible to prevent any further damage. The audit will record some items as follows:

- Site location
- Site installation
- Antenna type
- Antenna tilt degree
- Antenna orientation
- Covering target area
- Etc (as per requirements)

□ **Products**

The products offered by Tduasatu include various kinds of telecommunication tower accessories:

- 7-meters steel pipe pole
- 9-meters steel pipe pole
- Slack
- Manhole and others

□ **Factory Facilities**

- The storage space of raw materials
- Pipe reducer machine
- Travo welding machine
- Cutting machine
- Compressed painting units
- Micrometer thickness gauge

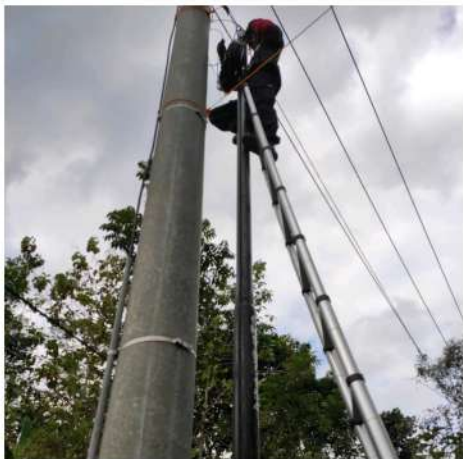




## HUMAN RESOURCES

We have at this stage, 23 qualified engineers and 43 Technical Support staffs.

As our motto is *"To provide a good quality services, we need to have a good quality personnel and strong team work"*.



## OUR SERVICES



### 1. Telecommunication

As we have an expertise in the telecommunication business, our company could cover total solutions for telecommunication, such as transmission problems for microwave radio, fiber optic & indoor solution as well as out side plan and other communication infrastructures, from designing to implementation.

### 2. Maintenance Services

We can handle maintenance services as per customer requirements. We provide our services for both Fixed and Mobile Base Transciever Station. Our maintenance & service programmes could covered Radio equipment, Civil, Mechanical, and Electrical.

### 3. Fiberization Projects

We also provide fiber optic network construction work (FO) which serves to support the infrastructure in the field of telecommunications. FO network carries large capacity traffic at high speed and can be upgraded in accordance with the development of technology, without the interference of radio interference.

The construction of FO network development includes the provision of poles, planting the pole, and the withdrawal of fiber optic cable to complete.





## OUR CLIENTS

1. **HCPT – MONOPOLE (2014)**
2. **XL – MONOPOLE (2014)**
3. **XL – TELEPHONE POLE (2019-PRESENT)**
4. **INDOSAT – MONOPOLE (2015)**
5. **INDOSAT – TELEPHONE POLE (2019-PRESENT)**
6. **PT. IFORTE SOLUSI INFOTEK – TELEPHONE POLE & FO PROJECT SERVICES (2018-PRESENT)**
7. **PT. INTI BANGUN SEJAHTERA – TELEPHONE POLE & FO PROJECT SERVICES (2016-PRESENT)**
8. **PT. ULTRA MANDIRI TELEKOMUNIKASI – TELEPHONE POLE (2019-PRESENT)**
9. **PT. KOPNATEL JAYA – TELEPHONE POLE (2014-PRESENT)**
10. **PT. BACH MULTI GLOBAL – TELEPHONE POLE (2015-PRESENT)**
11. **PT. AMARTA JAYA TELEKOMINDO – TELEPHONE POLE (2019-PRESENT)**
12. **PT. AMANAHING MAHA KINASIH – TELEPHONE POLE (2019-PRESENT)**
13. **PT. ANDAFA JAYA PRATAMA – TELEPHONE POLE (2019-PRESENT)**
14. **PT. CAHAYA MITRATAMA TECHNOLOGY – TELEPHONE POLE (2017-PRESENT)**
15. **PT. DWI PILAR PRATAMA – TELEPHONE POLE (2019-PRESENT)**
16. **PT. JAZMINA ASRI KREASI – TELEPHONE POLE (2019-PRESENT)**
17. **PT. JIG NUSANTARA PERSADA – TELEPHONE POLE (2019-PRESENT)**
18. **PT. HASIAN PRIMA TELINDO – TELEPHONE POLE (2019-PRESENT)**
19. **PT. PRABAKARA USAHATAMA – TELEPHONE POLE (2019-PRESENT)**
20. **PT. PRIMATAMA KONSTRUKSI – TELEPHONE POLE (2017-2019)**
21. **PT. TAPAN MAS – TELEPHONE POLE (2020-PRESENT)**

## OUR PROJECTS

### 2020

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Jepara Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Brebes Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Indosat (Jasa Penarikan Kabel FO & Supply Material) Majalengka Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Indosat (Jasa Penarikan Kabel FO & Supply Material) Banjar Ciamis Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Indosat (Jasa Penarikan Kabel FO & Supply Material) Garut Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Indosat (Jasa Penarikan Kabel FO & Supply Material) Indramayu Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Indosat (Jasa Penarikan Kabel FO & Supply Material) Jepara Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Sragen Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Banjar Ciamis Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Ciamis Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Banjar Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Ciamis Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Indosat (Jasa Penarikan Kabel FO & Supply Material) Jepara Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Garut Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Pangandaran Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Ciamis Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - IBS (Jasa Penarikan Kabel FO) Bogor Area for PT. INTI BANGUN SEJAHTERA

Fiberisasi Optik - IBS (Jasa Penarikan Kabel FO) Aceh Area for PT. INTI BANGUN SEJAHTERA

Fiberisasi Optik - IBS (Jasa Penarikan Kabel FO) Banjarmasin Area for PT. INTI BANGUN SEJAHTERA



## **2019**

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Majalengka Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Akses Protelindo (Jasa Penarikan Kabel FO & Supply Material) Kendal Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Garut Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Bangka Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - Akses Protelindo (Jasa Penarikan Kabel FO & Supply Material) Pasuruan Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - IBS (Jasa Penarikan Kabel FO) Kota Kulon Area for PT. INTI BANGUN SEJAHTERA

Fiberisasi Optik - IBS (Jasa Penarikan Kabel FO) Brotonegoro Area for PT. INTI BANGUN SEJAHTERA

Fiberisasi Optik - IBS (Jasa Penarikan Kabel FO) Geger Area for PT. INTI BANGUN SEJAHTERA

Fiberisasi Optik - IBS (Jasa Penarikan Kabel FO) MGW Madiun Area for PT. INTI BANGUN SEJAHTERA

## **2018**

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Indramayu Area for PT. Iforte Solusi Infotek

Fiberisasi Optik - XL (Jasa Penarikan Kabel FO & Supply Material) Banjar Ciamis Area for PT. Iforte Solusi Infotek

## **2012**

Makro BTS Site Duren Tiga Selatan for PT. XL Axiata

Makro BTS Site Elang Laut Indah for PT. XL Axiata

Makro BTS Site Penegak Matraman for PT. XL Axiata

Makro BTS Site Pengadegan Selatan for PT. XL Axiata

Makro BTS Site Haji Mandor Cilandak for PT. XL Axiata

Makro BTS Site Paradise Sunter for PT. XL Axiata

Makro BTS Site Piper Cup Halim for PT. XL Axiata

Makro BTS Site Mustika Raya Cipayung for PT. XL Axiata

Makro BTS Site WR Supratman Pisangan for PT. XL Axiata

Semi Macro/Mini dan/atau Camouflage Site Pahlawan Revolusi CBU for PT. XL Axiata

Semi Macro/Mini dan/atau Camouflage Site Warakas Pelabuhan CBU for PT. XL Axiata

Semi Macro/Mini dan/atau Camouflage Site Cilincing Raya CBU for PT. XL Axiata

Semi Macro/Mini dan/atau Camouflage Site Gudang Penjaringan for PT. XL Axiata

Semi Macro/Mini dan/atau Camouflage Site Pelita Bahari Koja Utara for PT. XL Axiata

Makro BTS Site STM Lawang Jaya for PT. XL Axiata

Makro BTS Site Koala Sukapura for PT. XL Axiata



**2011**

Makro BTS Site Pulolentut Gadung for PT. XL Axiata

Makro BTS Site Jampea for PT. XL Axiata



**PT. NUSANTARA DUASATU TELEMATIKA**

**Office:** Jl. Bangka Raya No. 33 Unit 1.05 A Pela Mampang, Mampang Prapatan, Jakarta Selatan

**Factory:** Jl. Raya Lapan Suradita No. 21 Suradita, Cisauk

Telp. 021- 27870643

[marketing@n21telematika.com](mailto:marketing@n21telematika.com)