



**COMPANY
PROFILE 2021**



COMPANY

WTL is a mobile infrastructure provider that develops the Vivada range of small cell solutions (2G/3G/4G), and a range of connectivity platforms. These enable operators to deploy advanced wireless services, and to achieve flexible interconnection.

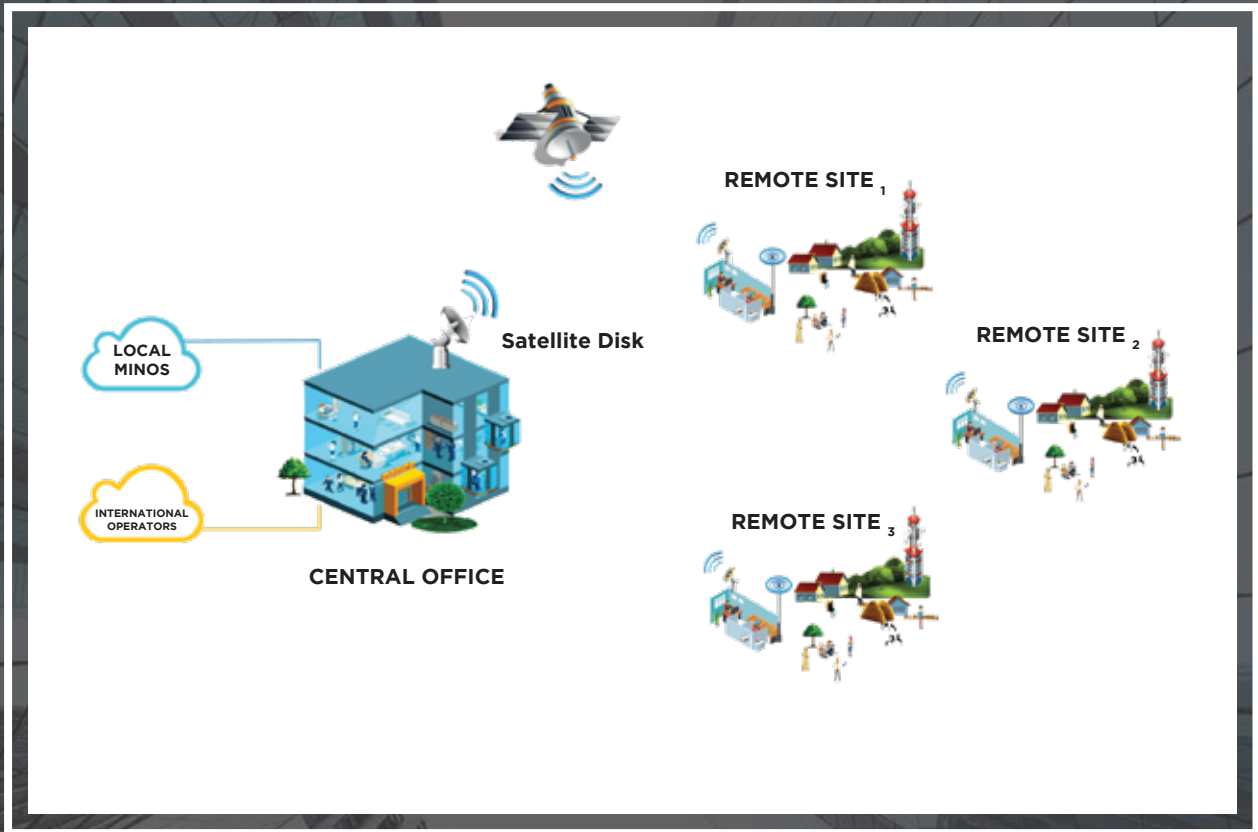


PRODUCTS

Vivada is a complete, turnkey solution that enables the delivery of voice and data connectivity solutions to remote and rural locations. It provides everything that is required to deliver connectivity, offer services and manage reseller and subscriber accounts. Vivada includes micro-BTS

capabilities that enable cellular mobile coverage to be delivered quickly and cost effectively. It offers both local GSM and WiFi coverage, as well as IP backhaul to a transit or external microcellular network. The IP backhaul is optimized through the use of WTL's patented NOP technology, which offers more efficient use of the available capacity, allowing more concurrent calls to be delivered over a given bandwidth, saving costs and increasing ROI. Satellite backhaul can also be supported, if other infrastructure is unavailable, ensuring that connectivity can be delivered even in the most remote locations. Alternatively, Vivada can allow self-contained networks that include all necessary operational, billing and OSS elements to be established, with calls being routed locally, with backhaul or interconnection to external networks. With Vivada, entrepreneurs and MVNOs can easily provide cost-effective remote and rural mobile connectivity, while MNOs can close gaps in coverage and extend their networks.

Typical rural network looks as below

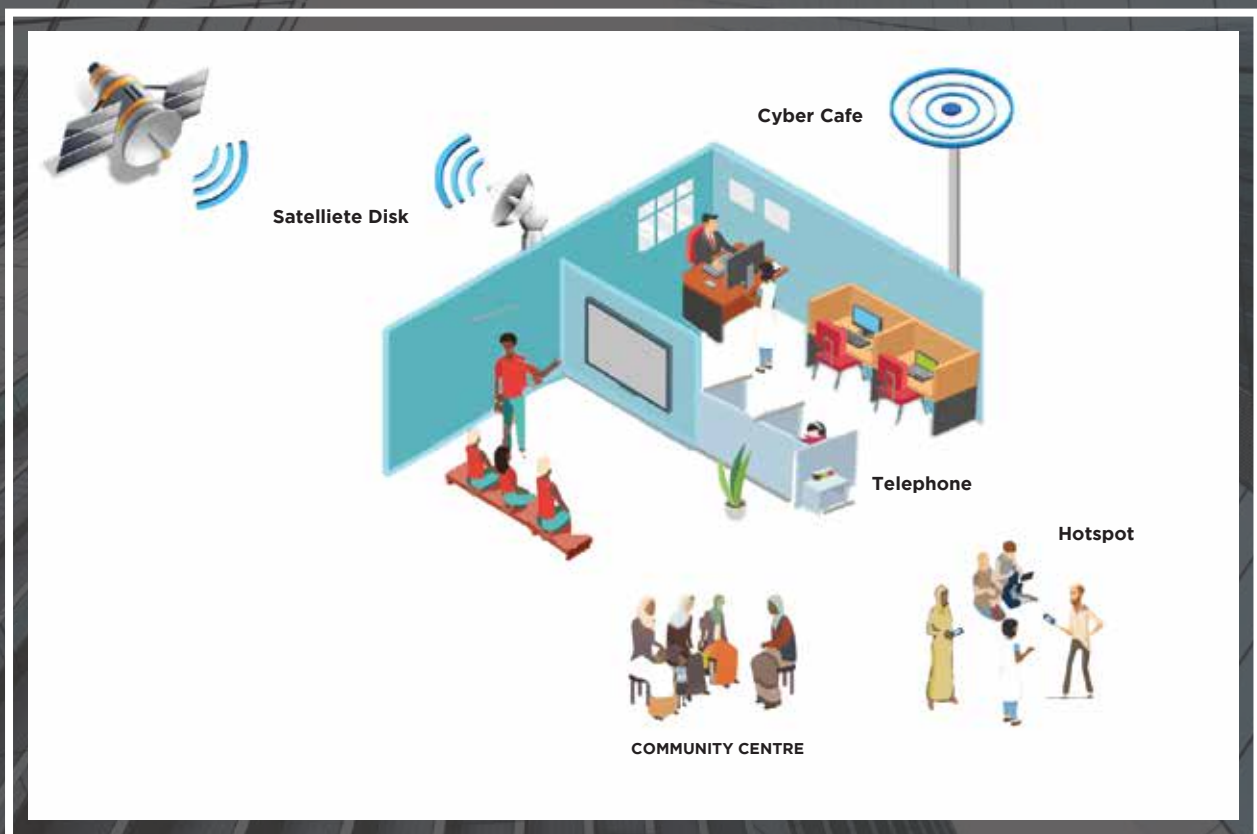


Vivada includes the following key components:

- Small cell radio access
- Tower
- Solar Power
- Satellite modem
- Billing and OSS
- Optimized satellite routing solutions from WTL
- Central Core systems to connect to the Mobile operators

The micro-cellular approach allows additional sites to be deployed, so that coverage can be increased, delivering voice and data to more locations with the same core technology.

In 2019 WTL Adds Low-Cost Community Communication Centre (C3) to its Award-Winning Vivada System US\$1450 rural system designed to extend the reach of satellite operators, NGOs, Government and Regulators, Smaller ISPs and Entrepreneurs.



A low-angle, upward-looking photograph of several modern skyscrapers with glass facades. The buildings are arranged in a way that creates a strong sense of height and perspective, with lines converging towards the top of the frame. The sky is a pale, overcast grey. The word "HISTORY" is superimposed in large, white, bold, sans-serif capital letters across the center of the image.

HISTORY

COMPANY HISTORY

The original company has started in 1997 under the name of World Telecom Labs as a technology company supplying innovative Telecom switching systems to operators (**Tier1, Tier2 & Tier3**) all over Europe.

WTL is a leading manufacturer of “next generation” switching and VoIP solutions for emerging carriers and telecom service operators. The company offers a range of soft switches, physical switches and gateways which create a truly integrated solution that handles both circuit and packet voice switching at a carrier-class level

The SoIP, PVx and IPNx have been successfully deployed and maintained throughout Europe, the Middle East and Africa.



As an established manufacturer, WTL has had a number of industry firsts and significant achievements, which include:

2014

- WTL wins “Telecom Innovation Product of the year” in Nigerian Telecom Awards
- Also shortlisted at AfricaCom (Best Network Improvement), Capacity Magazine’s Global Carrier Awards (Best Wholesale Solution) and Global Telecoms Business (Innovation Award)
- First Lawful Intercept solution deployed in Brazil
- WTL switches handle more than 1.5 BILLION minutes in Nigeria during the year

2015

- Interconnect Clearinghouse Nigeria installs two multiple STM-1 Switches
- WTL advanced Rural Telephony Solution is selected in Tanzania
- The virtualisation of all WTL Products

2016

- Commercial rural voice & data service begins using Vivada
- WTL invited to join Facebook-sponsored Telecom Infra Project (TIP)
- Monthly voice traffic on WTL breaks ½ Billion-minute threshold
- First LTE products demonstrated
- First Virtualised Multi-Service SBC deployed in Brazil

WTL wins FIVE further awards:

- AfricaCom – Best Connectivity Solution for Africa
- Global Capacity Awards – Best African Project
- Capacity Africa Awards – Best Technology Deployment
- Nigerian Telecom Awards – Telecom Innovation Company of the Year
- West AfricaCom Awards – Connecting West Africa

2017

- First partner LTE Innovation Lab launched in Brazil
- Vivada National Roaming solution secures deployment
- WTL invited to address forum of African telecoms regulators
- Software-based VoIP transcoding added to Multi-Service SBC
- In trials, Vivada low-cost LTE solution reaches 100Mbps download
- Launch of Vivolve OTT VoIP app

WTL gains further recognition for pioneering remote connectivity solutions

- First partner LTE Innovation Lab launched in Brazil
- Vivada National Roaming solution secures deployment

2018

- WTL win first Vivada 2G + 4G network in Asia
- National Roaming education program for regulators gains traction in Africa & Brazil
- 2 new SMS Hub installations in Africa
- WTL wholesale switches reach 10 Billion switched minutes milestone!!
- Shortlisted for Global Carrier Awards - Best African Project

2019

- WTL Launched push to develop Rural connectivity projects in Nigeria through local partners
- WTL wins the Last Inter exchange order in Nigeria cementing their leadership in that technology in the country.
- Shortlisted for an award at Africaom for connectivity project in Cameroon

2020

- The company is acquired via Management buyout after the death of the owner. And renamed as Wireless Technology Labs still stayed with WTL name. Vivada National Roaming solution secures deployment
- Concluded Proof of concept (POC) with local partner with anticipation to connect around 250 villages on Phase 1
- Concluded Proof of Concept (POC) for a 4G connectivity for a local partner with Anticipation to connect smaller cities with 4G networks

2021

- Concluded Proof of concept (POC) with local partner with anticipation to connect around 100 villages on Phase 1

As a forward-looking technology company, WTL is committed to invest into evolving technologies so that our clients are never left behind in this everchanging Technology landscape. In coming years WTL will be investing to develop their 5G product range and IOT solutions.



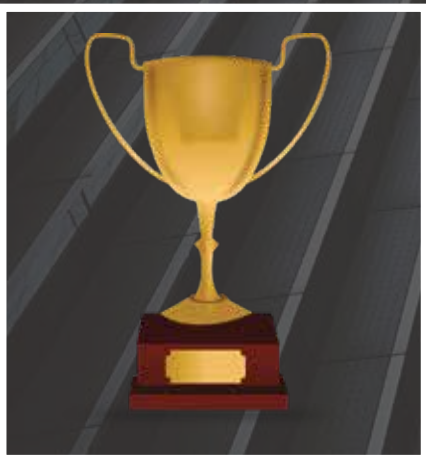
WTL's MILESTONES

The WTL product family consists of proven products, which are heavily used around Europe, Middle East and Africa:

- WTL and their partners have installed in over 50 countries over the last 10 years.
- Installed base in Africa reaches 32 countries

Our products are deployed by many companies, both large and small. Just to name a few:

- Telnia Ltd. Nigeria
- VTL India
- Roshan
- Vizada (ex-Telenor Satellite)
- Mobilkom Group
- Maroc Telecom
- Interconnect Clearinghouse Nigeria
- hSo UK
- Sure (ex-Cable & Wireless)



RECOGNITION

In recent years WTL's achievements have been consistently recognised by some of the leading bodies in the communications industry.

We are very proud to have been shortlisted and chosen as winners on numerous occasions

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AWARDS

HERE IS JUST A SELECTION OF OUR AWARDS



WTL Wins Best Connectivity Solution for Africa Award

In its fifth award this year, WTL receives the

Best Connectivity Solution for Africa Award

WTL Wins Best African Project Category

WTL's Vivada deployment in rural Tanzania was the winner in the

Best African Project category at the annual Global Carrier Awards



WTL Wins Best Technology Deployment Category

WTL received the award for **Best Technology Deployment Category** at the inaugural Capacity Africa awards

HERE IS JUST A SELECTION OF OUR AWARDS



Named as Telecom Innovation Company of the Year

At the 11th annual Nigerian Telecom Awards, WTL received was named as Telecom Innovation Company of the Year

WTL Wins Award in the Connecting West Africa Category

In recognition of its work in Nigeria, WTL was awarded the Connecting West Africa award at the prestigious West AfricaCom Awards





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