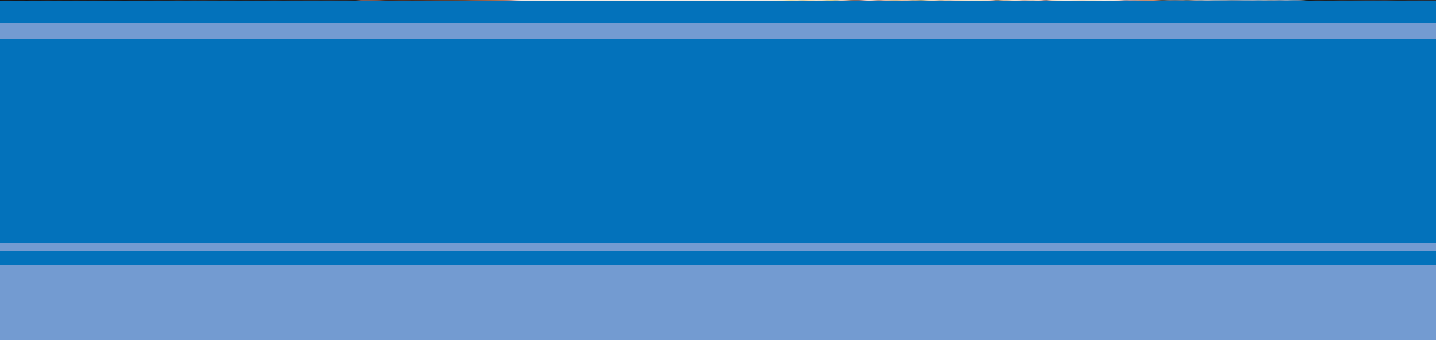




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Connecting Globally



**Agilis Communication  
Technologies**



## **Vision**

To be a global company in Design and Development of World-class Microwave and Satellite Communication Products and Systems

## **Mission**

To be a premier Microwave & Satellite Communication house by providing innovative solutions with quality products to meet customers' satisfaction

## Our Company

Agilis Communication Technologies Pte Ltd (Agilis) is a wholly owned subsidiary of Singapore Technologies Electronics Limited (ST Elect) which is one of the largest electronics system houses in the region. ST Elect specialises in the design, development and integration of advanced electronics systems for commercial, defence and industrial applications worldwide. Established in 1969, ST Elect has achieved a firm global presence covering mainly the Asia Pacific region, marketing its products to more than 50 countries worldwide. Its expertise spans three business groups: Communication and Sensor Systems, Software Systems and Large-Scale Systems.

Agilis contributes to the group's capabilities under the Communication and Sensor Systems Group.

Incorporated in August 1991, Agilis is a leading manufacturer and supplier of Very Small Aperture Terminal (VSAT) Products and Solutions, Microwave Digital Radios and Solutions, Microwave Sensors and Radar Systems for various applications in the telecommunication, industrial, enterprise, oil and gas, financial institutions, homeland security, government and defence markets. Agilis' products are marketed to more than 50 countries worldwide.

With a fully-equipped facility sited in

Singapore's high technology and manufacturing hub, Agilis' latest R&D and production facilities enable us to continually deliver innovative and quality products. Backed by our highly qualified field experts, Agilis is the choice provider of reliable and versatile products and solutions. It satisfies even the most stringent requirements in the operation and management of any global network.



## Our Philosophy

Total customer satisfaction is our top-most priority.

Working towards long-term partnerships, we strive to offer timely and customised solutions that best suit each client's needs and growth strategies.

We are committed to new product development and invest heavily in the continuous upgrading of R&D and production capabilities to meet

the technological challenges of the future. With integrity and reliability as our core values, we aim to meet the challenges of the next century with sound business judgements and resilience.

**Working towards long-term partnerships, we strive to offer timely and customised solutions that best suit each client's needs and growth strategies.**





**Pushing the frontiers  
of technology**



# Agilis Business Solutions

## VERY SMALL APERTURE TERMINAL (VSAT)

From our humble beginnings of producing phase-locked, dielectric resonator oscillators (PL-DRO) and Low-Noise Block Down Converters (LNB), Agilis has developed into a specialist in the design, development and manufacturing of quality VSAT Outdoor Units (ODU).

We provide off-the-shelf VSAT sub-systems :

- ODU, covering C, Enhanced C, Full C, Ku and Full Ku-Bands
- BUC, covering C and Ku-Bands
- Solid State Power Amplifiers up to 200W
- Up/Down-Converters
- Hybrid Terminals providing both L-Band and 70 MHz interfaces
- Redundancy Systems

In addition, we offer customisation services to meet specific needs and requirements. We consistently push the frontiers of technology to deliver state-of-the-art products, offering crystal clear voice quality transmission, speedy and error-free data exchanges and razor sharp video images.

## MICROWAVE DIGITAL RADIO (DR)

Agilis Microwave Digital Radio offers customers an alternative broadband communication system.

With frequencies ranging from 3.5GHz, 5.8GHz, 7-8GHz, 13GHz, 15GHz, 18GHz and up to 60GHz, our Microwave Digital Radio is designed to be highly flexible, reliable and adaptable to work with any modulations operating on either PDH or SDH networks.

In the pipeline is our new range of Radios designed to meet your needs for applications in Multichannel Multipoint Distribution System (MMDS) and Local Multipoint Distribution System (LMDS).





## MICROWAVE SENSORS

AgilSense, an established brand name for our Microwave Sensors, offers low cost, reliable transceivers modules for OEM applications.

AgilSense Microwave Sensors are used widely in detection systems for applications in industrial sectors, such as security, automotive, automatic doors, industrial control as well as intelligent buildings and traffic management. They are also suitable for use in the robotic and unmanned platform applications.

Our modules are designed with Dielectric Resonator Oscillator (DRO); and our microstrip patch antenna array caters for low current consumption, high sensitivity and flat profile features.

With a team of experienced engineers and a production floor equipped with advanced CAD, test and manufacturing facilities, we offer standard off-the-shelf products to meet your needs. We also design and manufacture X-Band microwave

sensors, detectors and systems to meet specific requirements. Since its debut in 2001, our new K-Band sensor has enjoyed widespread popularity with companies in Europe.

## TURNKEY SERVICES & SOLUTIONS

With a group of highly experienced professionals trained in all aspects of communication and sensor technologies, Agilis undertakes system design, engineering design, research and development services, integration, installation and testing for our customers.

Our strong competencies in microwave, RF engineering and network design enable us to provide turnkey solutions and services for communication and sensor systems, using satellite, microwave and optical products.

**Our strong competencies in microwave, RF engineering and network design enable us to provide turnkey solutions and services for communication and sensor systems, using satellite, microwave and optical products.**



Our communication solutions are designed to work seamlessly with various enterprise protocols, eg. IP, ATM, or Frame Relay. These meet the most stringent requirements for fixed, mobile, land and marine communication systems for voice, video and data services.

With CRM, SAP and our ISO 9000 quality management systems, we are equipped to undertake Contract Designing and Manufacturing of microwave/millimeter-wave modules, conforming to rigorous military standards, as well as strict quality targets and delivery schedules.

## **PRODUCTION & ENGINEERING SERVICES**

Agilis' well-trained and experienced production workforce and engineering support group enables us to provide complete product support to our customers. Complemented by our comprehensive range of production, measuring and testing facilities, we are fully equipped to perform tuning and precision measurement services covering the entire frequency spectrum up to 60 GHz.





## Awards and Achievements

Agilis has been certified to the Singapore Quality Class and People Developer Standard – two of the most prestigious standards in Singapore for quality management and human resource development.

- Design, Manufacture, Installation, Integration, Testing, Commissioning, Maintenance and Repair of Communication Systems
- Design and Manufacture of Commercial and Defence RF and Microwave Modules
- Design, Manufacture, Installation, Integration, Testing, Commissioning, Maintenance and Repair of Defence Electronic Systems and Equipment

Agilis is a subsidiary of Singapore Technologies Electronics which is part of the Singapore Technologies Engineering Group, that achieved the Singapore Quality Award in 2002 – the most prestigious award in Singapore for business excellence.



Cert No.: 94-1-0033  
SS ISO 9001 : 2000

At Agilis, we aim to enhance global connectivity. With our comprehensive spectrum of world-class microwave and satellite communication products and systems, together with our renowned microwave sensors, we have made the world a smaller and safer place by connecting you globally.

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For details of our global presence,  
please visit our website at  
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