

**icorp**  
technologies

**create | connect | communicate**

**COMPANY PROFILE - 2021**



limitless intelligent connectivity





## ICORP - Helping you 2 CREATE, CONNECT COMMUNICATE

ICORP entered the South African electronics market in 2008 and is one of largest independant distributor in South-Africa with more than 100 customer nationally. Its head office is strategically situated in Johannesburg and serves as a base for the bulk of its business. There are also regional offices in Durban and Cape Town which services the coastal areas. ICORP has a dedicated and knowledgeable Technical Sales Team which supports customers in the Industrial Automation Mining, Security, Track Trace and Utility Metering sectors. Since its inception, ICORP has migrated from being a broad-based supplier into a more rationalised and focused electronic component distributor. With the continual update of the "Internet of Things" which is available for our market, the "ICORP of Things" linecard provides engineers with leading technologies and reliable products from a predominantly Asian Supplier Base.

The Internet of Things is creating a new quantifiable measurable world. A world where people and businesses can manage their assets in more informed way taking both safety and health into consideration. The world is evolving at such a fast moving pace, hence there is a huge demand for products such as Machine to Machine(M2M) ,Wearables Smart Phone. We have also strategically partnered with brands that offer technologies like GSM, GPS, WiFi, Bluetooth, ZIGBEE, LORA, and ISM RF.

We have taken the opportunity to boast other synergistic product categories such as Antennas Interconnect, Passives and Electromechanical. Lastly, our newest additions include Embedded Cameras, OBD Cable Harness. Futuristically, ICORP will be venturing into SigFox and RPMA Technologies, subject to their network infrastructure and role-out plan. Our competitive edge is the offering of cutting edge technology, cost effective connectivity seamless integrated solutions together with short lead times, an efficient supply chain and effective after sales support.

Our market is extremely price sensitive hence ICORP's pricing strategy is extremely competitive and aggressive. Please feel free to enquire about our Value Added Services (VAS)

### ICORP...Your Definitive Distribution Partner!



ICORP Supplies total Components except for PCB and Product Enclosure. It includes the supply of exact quantities that come kitted and ready for manufacturing. This decreases the customer risk of stock holding as well as inventory management providing further cost savings.



Customers are offered fixed and firm pricing; ie. fixed, firm and delivered pricing for up to six month to one year contracts.



Credit terms offered as well as special discount settlements subject to approval and qualification.



Based on product technology, ICORP offers its customers the value add service to brand products such as batteries, the customisation of packaging and part number coding to protect the product patents.



With offshore offices and partners, ICORP is able to filter the globe and OEM leaders effectively, to efficiently and securely locate obsolete EOL (end of life), allocation parts long lead time parts and commodities at cost effective and short lead times. If the part is out there, we will find it.



With over 100 product lines, ICORP's comprehensive line card offers customers the choice of both high-spec products as well as low cost, alternative equivalents for cost-component consideration without compromising component functionality or quality.

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## ICORP TECHNOLOGIES GROUP OF SUBSIDIARY COMPANIES



MediCorp, a subsidiary of ICORP Technologies, was established in March 2020 in response to the critical need for medical supplies in the face of the Covid-19 pandemic. Since then, the company has steadily positioned itself as a leading distributor of Electronic Medical Devices, PPE & other related products. With its head office strategically situated in Johannesburg & regional offices in Cape Town and Durban, MediCorp has gained substantial market share through its geographical REACH ensuring the supply of quality cost effective products within quick turn-around times to some of the largest pharmaceutical entities in South Africa such as Dischem (CJ Distribution) & Clicks (United Pharmaceutical Distributors) amongst others. MediCorp's foundation is built on a close-knit High Impact staff offering a high level of customer service, sound customer relations & technical expertise.. MediCorp is a BBEE company



Because we care, MediCorp strives to establish itself as a flagship distributor of electronic medical devices, PPE & other related products in Southern Africa whilst providing its customers with quality cost effective products within quick turn-around timeframes which satisfy and exceed our customers requirements.



Because we care, we aim to create and maintain a high standard of growth in the interest of its shareholders through our excellence in and through our products and service offering by providing reliable SAHPRA medical grade products offerings, through our services at competitive pricing ensuring our core values, ethical & social responsibilities and cooperate governance is adhered to.



ICORP Technologies is a focused leading IoT Tech Company & an Electronic Component Distributor over the past 13 years in SA. Since inception, ICORP has steadily grown and acquired market share in its competing market segments. To date ICORP has established itself as a Multimillion Dollar Revenue based company & a leading independent distributor in South Africa, having diversified its IOT Products Line to electronics medical devices & PPE & products given the current demand for such supplies.

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## ICORP TECHNOLOGIES GROUP OF SUBSIDIARY COMPANIES

# AIP

AGALLIO INVESTMENT  
PROPERTIES

smart cities for smart people

Agallio Investment Properties was founded in 2017, growing our business ever since throughout the years.

The current CEO, Mr Bradley Agallio Pillay has extensive experience in all aspects of business, having founded other business's in the Electronic Component sector (ICorp Technologies) and in the Medical sector (Medicorp).

AIP has acquired a Commercial Property in the Ferndale area, filling out the unit space to full capacity.

At AIP you are number one. Being our tenant, we value your business and will provide you with the individual attention and service you deserve. We believe in a strict Code of Ethics, Integrity, Commitment to excellence, a professional attitude and personalized care.

AIP combines an old fashioned personal touch together with current technology to ensure professional property management.

We have built strong relationships with a range of reputable service providers such as maintenance contractors and specialist companies in order to provide a full range of management solutions.

**AIP**  
AGALLIO INVESTMENT  
PROPERTIES  
smart cities for smart people

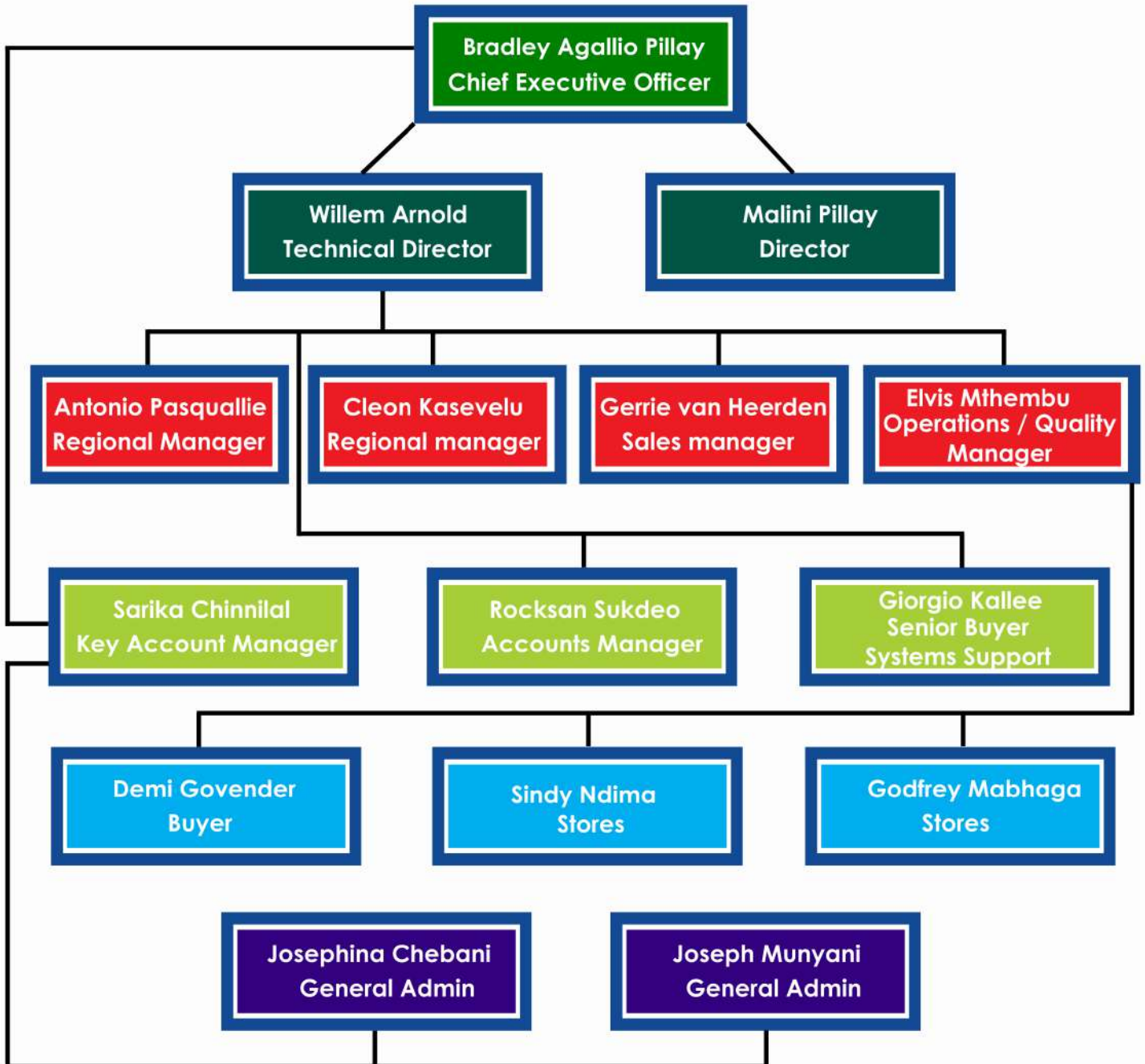
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www.agallioprop.co.za  
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## ICORP TECHNOLOGIES ORGANISATIONAL FLOW





# Location

## ICORP TECHNOLOGIES HEAD OFFICE JOHANNESBURG



38 Dover Street, Ferndale, Randburg, Johannesburg, South Africa

## ICORP TECHNOLOGIES REGIONAL OFFICES CAPE TOWN

## DURBAN



Unit 5B, Innovation Centre B, Technopark  
Stellenbosch, Capetown, South Africa



Unit 2, Fairways Piazza, Mount Edgecombe  
Durban, South Africa

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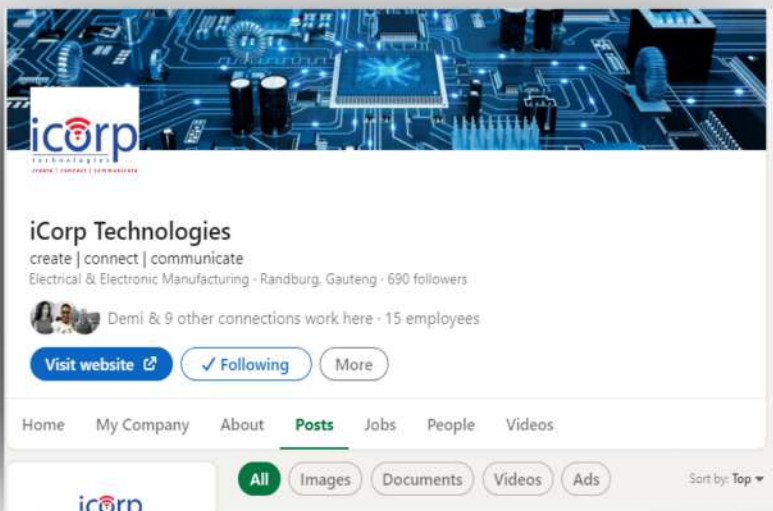
## ICORP TECHNOLOGIES - ONLINE PLATFORM

[www.icorptechnologies.co.za](http://www.icorptechnologies.co.za)



 [www.linkedin.com](http://www.linkedin.com)

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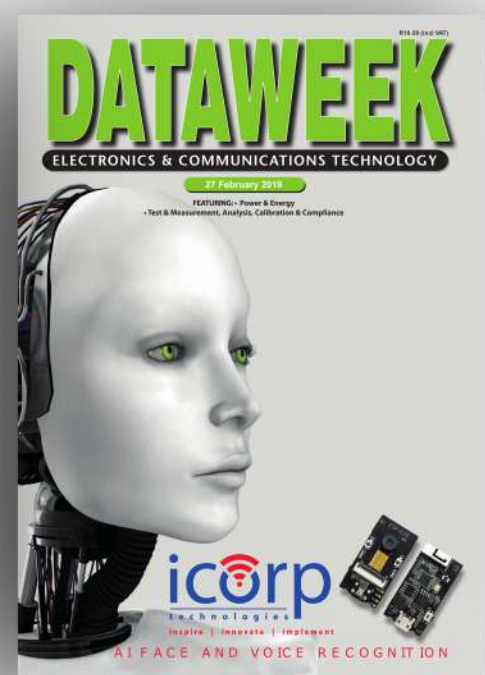
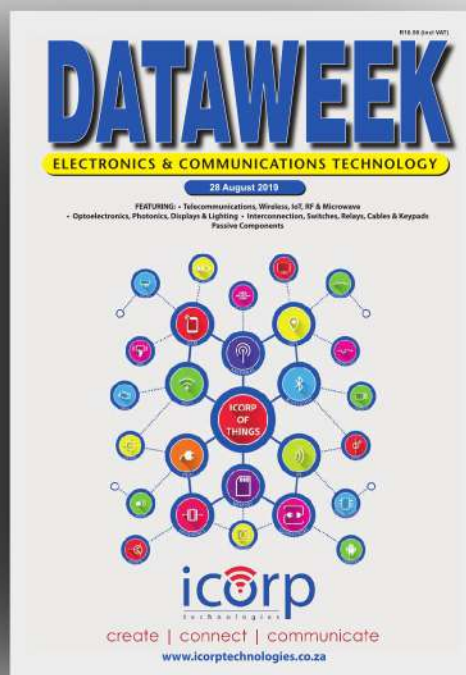
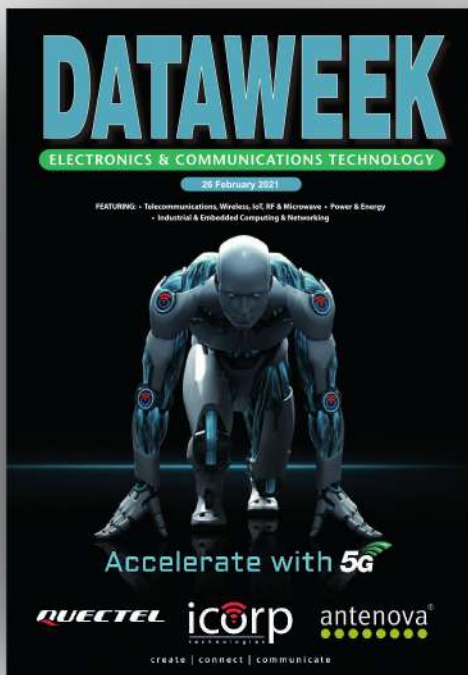
## ICORP TECHNOLOGIES - MARKETING PLATFORMS DATAWEEK MAGAZINE FRONT COVERS

# DATAWEEK

ELECTRONICS & COMMUNICATIONS TECHNOLOGY

### About DATAWEEK

South Africa's leading electronics & communications publication with a customer base of over 5000 readers in South-Africa. Published in print, online and supported by twice-weekly electronic news briefs.



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**ESPRESSIF**

## ESP32 - Designed for AIOT Applications

**Espressif's ESP32-C3 Range of RISC-V Modules** HOT

**NEW**

- IEEE 802.11 b/g/n-compliant
- Supports 20 MHz, 40 MHz bandwidth in 2.4 GHz Band
- T1T1R mode with data rate up to 150 Mbps
- Automatic Beacon monitoring (hardware TSF)
- Bluetooth LE, Bluetooth 5, Bluetooth mesh
- 32-Bit RISC-V Single Core Processor
- 348 KB ROM
- 400 KB SRAM (16KB for Cache)
- Flash encryption
- Low Power Management

**Espressif's ESP32-S3 Range of AI Acceleration Modules** HOT

**NEW**

- IEEE 802.11 b/g/n-compliant
- Supports 20 MHz, 40 MHz bandwidth in 2.4 GHz Band
- T1T1R mode with data rate up to 150 Mbps
- Automatic Beacon monitoring (hardware TSF)
- Bluetooth LE, Bluetooth 5, Bluetooth mesh
- 512KB internal SRAM
- Flash encryption
- Low Power Management
- 44 Programmable GPIO's

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**icorp 5G offerings**

**5G RG50xQ** HOT NEW

**5G RG50xQ** is a series of 5G sub-6 GHz LGA modules optimized specially for IoT and M2M applications. Adopting 5GPP Release 15 technology, it delivers maximum data rates up to 25 Gbps downlink and 900 Mbps uplink. It supports both 5G NSA and SA modes. Option 3x, 3a and Option 2 network architectures, which makes it backwards compatible with 4G/3G networks. It is pin-to-pin compatible with the Quectel LTE-A Cat 12 EC512R-FA module. It can meet customers' different application demands for high speed, large capacity, low latency, high reliability, etc.

**Lepida Antenna** HOT NEW

**Lepida is a high-performance antenna for 5G, 4G and LTE.** Antenna has created Lepida with a brand new design that delivers high efficiency across all bands, as per its Design for Integration ethos. It's one of Antenna's most robust designs, ensuring excellent coplanarity and resistance to bowing and twisting during product reflow.

**5G RMS10Q** HOT NEW

**The Quectel RMS10Q-GL is a 5G module** that is specially optimized for IoT/M2M applications. Adopting 5GPP Release 15, it supports both 5G NSA and SA modes. Designed in M2 form factor, the RMS10Q-GL can be easily embedded in customer's applications.

**Draco and Pacifica Antennas** HOT NEW

Antenna's Draco (P/N: SRE1036) is a terminal antenna for 4G, 3G and 2G applications, covering the LTE, HSPA+, WCDMA, GSM, GPRS, GPRS1800 and PCS1900 bands. Pacifica (P/N: SRE1038) is a terminal antenna for 433 MHz ISM applications, and is suitable for remote monitoring, industrial devices, remote technology, smart meters, medical devices and home automation.

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## Essential Electronic Medical Devices

*Because We Care* ..... Available Online

CALL IN FOR SPECIAL VOLUME PRICING

### Oxygen Concentrator

#### Oxygen Concentrator 5L:



**SAHPRA** **Hot**

**R 13 600,00** **ex VAT**

- Fault Detection system
- Wireless Remote Control
- Molecular Sieve from USA
- Efficient Oil-Free Compressor
- Nebulizer Function

### Non-Contact Thermometers

#### DM3397 - Thermometer



**SAHPRA** **Hot**

Nappl code: 1071574001

- Measuring Distance: 3cm - 5cm
- Measuring Time: 0.5 ms
- > 100,000 Operations
- Temperature Measuring Range: Human Pattern: 32 C - 43 C Object Mode: 0 C - 100 C
- CE/FDA

**R 250,00** **ex VAT**

### 3 Ply Medical mask

#### 3 Ply Medical mask



**SAHPRA** **Hot**

- PP non-woven • Melt Blown Filter
- Layer 1: Polypropylene Spunbond non-woven
- Layer 2: Meltblown non-woven
- Layer 3: Polypropylene Spunbond non-woven
- 17 (L) x 9 (H) mm
- CE/FDA and Declaration of Conformity

**R 160,00** **ex VAT**

### OLED Oximeters

#### Finger Pulse Oximeter - M230



**SAHPRA** **Hot**

- Range: 95% to 100% SPO2 (Accuracy: +/- 0.02%)
- Range: 35-208bpm (Accuracy: +/- 2bpm)
- Light and Easy to use
- Anti-motion Algorithm
- Auto Power off
- Full Function OLED Display
- CE/FDA

**R 210,00** **ex VAT**

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## COVID-19 Essential Electronic Medical Devices

*Because We Care*

CALL IN FOR SPECIAL VOLUME PRICING

### Automatic Dispenser

#### Automatic Dispenser 350ml:



**SAHPRA** **Hot**

- 3 Different Liquids: Foam, Soap, Sanitizer
- Refillable bottle (350ml)
- Support Battery supply
- Light Indicator for low Power
- Wall Mounted
- Sensing Distance: 5-10cm
- Induction Time: 0.25s
- Product Size: 200 \* 105 \* 68mm

**R 450,00** **ex VAT**

### Non-Contact Thermometers

#### DM3397 - Thermometer



**SAHPRA** **Hot**

Nappl code: 1071574001

- Measuring Distance: 3cm - 5cm
- Measuring Time: 0.5 ms
- > 100,000 Operations
- Temperature Measuring Range: Human Pattern: 32 C - 43 C Object Mode: 0 C - 100 C
- CE/FDA

**R 250,00** **ex VAT**

### Digital Thermometer

#### KN-901 Digital Thermometer



**SAHPRA** **Hot**

- Battery Life of more than 200 Operating hours
- Power Consumption : 0.15 mW
- Display Unit: 0.1 Degrees
- Measuring Range: 32.0 to 42.9 Degrees
- Dimensions: 126mm x 18mm x 11mm
- CE Approval

**R 39,95** **ex VAT**

### OLED Oximeters

#### Finger Pulse Oximeter - M170



**SAHPRA** **Hot**

Nappl Code: 107157701

- Light and Easy to use
- Oxygen Desaturation Index (ODI)
- Anti-motion Algorithm
- Screen brightness adjustable
- Auto Power off
- Full Function OLED Display
- CE/FDA

**R 400,00** **ex VAT**

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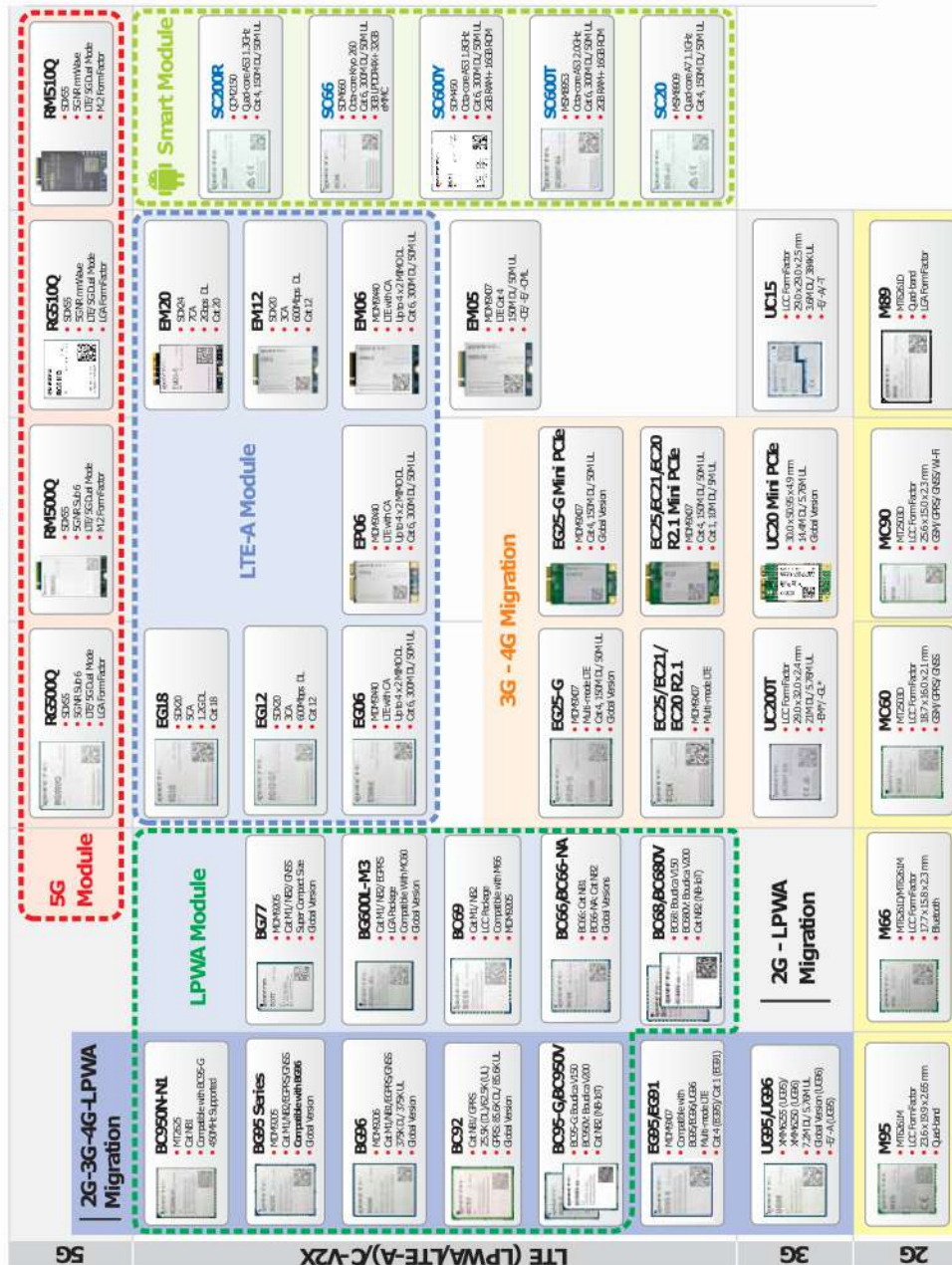
## ICORP TECHNOLOGIES WIRELESS SOLUTIONS



M2M Cellular Modules



Product Roadmap



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## ICORP TECHNOLOGIES WIRELESS SOLUTIONS



Cloud Services - UBISCALE

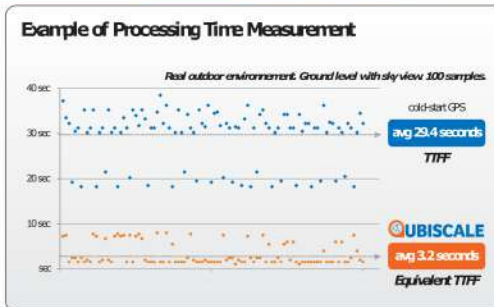
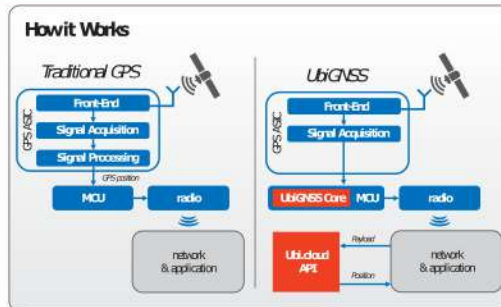
QUECTEL®

UBISCALE

ubiGNSS - Cloud-Powered GPS

### Geo IoT experts

The right technology partner to empower your IoT opportunities.  
 Ubiscale will help you design cutting-edge IoT solutions where the geolocation challenges meet the connectivity revolution.



#### Example: Long Life Tracker for Logistic Application

Technology	Battery + Service
Traditional	<ul style="list-style-type: none"> <li>Cells: 2x 1200 mAh Li-SOCl2</li> <li>4 years life-time =&gt; 2 Positions @ 1 day rate</li> </ul>
UBISCALE	<ul style="list-style-type: none"> <li>Lower energy per position decreases battery cost and increases service capability</li> <li>Cell: single 1200 mAh Li-SOCl2</li> <li>4 years life-time =&gt; 4 Positions @ 1 day rate</li> </ul>

Sigfox uplink, GPS 30 mA @ Acquisition, mean TIFF 60 seconds, Floor current 10uA

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## ICORP TECHNOLOGIES WIRELESS SOLUTIONS



WiFi Modules



### Connecting All of Your Wireless Devices

**ESP**  
Wi-Fi  
Mesh

ESP-MDF is a multi-hop mesh networking solution, based on ESP-IDF and the ESP-Mesh communication protocol. Its function materializes device distribution networks, local and remote control, firmware upgrade, linkage control between devices, low power consumption, etc.

AWS	Tencent WeLink
ESP-MDF	
Base Components	ESP-NOW
ESP-Mesh	
ESP-IDF	
ESP-Meshkit	ESP-Sense Kit

Automatic Meshing

Supports Cloud Local Network

Security Network

Smartphone BLE Setup

Even works without a W-Fi router

No Extra Gateways Needed

### ESP32 : SoCs

- 10 x capacitive touch pads
  - 12-bit SAR ADC (18 channels)
  - 8-bit DAC, Hall Sensor
  - Temperature sensor
  - I2C, I2S, UART, SPI
  - Host SDIO/eMMC
  - Slave SDIO/SPI
  - CAN2.0, dedicated DMA
  - Ethernet MAC interface
  - Motor PWM
  - LED PWM (16 channel)
- 

**ESP32-D0WQ06**

- Core Type : Dual Core
- SPI Flash (MB) : n/a
- Package : QFN 48-pin
- SPQ/ MQQ (Reel) : 3k
- Dimensions : 6x6mm

**ESP32-D0WD**

- Core Type : Dual Core
- SPI Flash (MB) : n/a
- Package : QFN 48-pin
- SPQ/ MQQ (Reel) : 5k
- Dimensions : 5x5mm

**ESP32-D2WD**

- Core Type : Dual Core
- SPI Flash (MB) : 2
- Package : QFN 48-pin
- SPQ/ MQQ (Reel) : 5k
- Dimensions : 5x5mm

**ESP32-S0WD**

50

- Core Type : Single Core
- SPI Flash (MB) : n/a
- Package : QFN 48-pin
- SPQ/ MQQ (Reel) : 5k
- Dimensions : 5x5mm

**ESP32-PICO-D4**

HOT

- Core : ESP32
- SPI Flash (MB) : 4
- SPQ/ MQQ (Reel) : 2k
- Dimensions : 7x7x0.94mm

### ESP32 : SiP Module

### ESP32 : WROOM Modules

- Supported Interfaces : SD Card
  - UART, SPI, SDIO
  - I2C, I2S, IR, GPID
  - Capacitive touch sensor
  - ADC, DAC, LNA pre-amplifier
  - Motor PWM
  - LED PWM
  - Operating temp. : -40~85°C
- 

**ESP32-WROOM-32**

- Core : ESP32-D0WQ06
- SPI Flash (MB) : 4
- Antenna Type : PCB antenna
- SPQ/ MQQ (Reel) : 550
- Dimensions : 18x25.5x3.1mm

**ESP32-WROOM-32D**

HOT

- Core : ESP32-D0WD
- SPI Flash (MB) : 4
- Antenna Type : PCB antenna
- SPQ/ MQQ (Reel) : 650
- Dimensions : 18x25.5x3.1mm

**ESP32-WROOM-32U**

NEW

- Core : ESP32-D0WD
- SPI Flash (MB) : 4
- Antenna Type : PCB antenna
- SPQ/ MQQ (Reel) : 650
- Dimensions : 18x19.2x3.2mm

**ESP32-SOLO-1**

- Core : ESP32-D0WD
- SPI Flash (MB) : 4
- Antenna Type : PCB antenna
- SPQ/ MQQ (Reel) : 650
- Dimensions : 18x25.5x3.1mm

### ESP32 : WROVER Modules

- Supported Interfaces : SD Card
  - UART, SPI, SDIO
  - I2C, I2S, IR, GPID
  - Capacitive touch sensor
  - ADC, DAC, LNA pre-amplifier
  - Motor PWM
  - LED PWM
  - Operating temp. : -40~65°C
- 

**ESP32-WROVER**

- Core : ESP32-D0WQ06
- SPI Flash/ PSRAM (MB) : 4/8
- Antenna Type : PCB antenna
- SPQ/ MQQ (Reel) : 650
- Dimensions : 18x31.4x3.3mm

**ESP32-WROVER-I**

- Core : ESP32-D0WQ06
- SPI Flash/ PSRAM (MB) : 4/8
- Antenna Type : IPX antenna
- SPQ/ MQQ (Reel) : 650
- Dimensions : 18x31.4x3.3mm

**ESP32-WROVER-B**

- Core : ESP32-D0WD
- SPI Flash/ PSRAM (MB) : 4/8
- Antenna Type : PCB antenna
- SPQ/ MQQ (Reel) : 650
- Dimensions : 18x31.4x3.3mm

**ESP32-WROVER-1B**

- Core : ESP32-D0WD
- SPI Flash/ PSRAM (MB) : 4/8
- Antenna Type : IPX antenna
- SPQ/ MQQ (Reel) : 650
- Dimensions : 18x31.4x3.3mm

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**ESPRESSIF**

antenna<sup>®</sup>  
**m2m**

**HOPERF**



**FEASYCOM**



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electronic component distribution

## Product Line Card

### GSM Modules



### GPS Modules



### WiFi Modules



### Bluetooth Modules



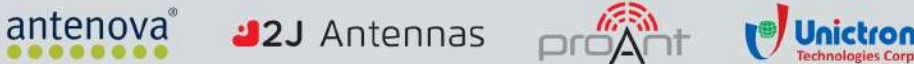
### PSU Modules



### Inductors



### Antennas



### Sigfox



### Optos



### RF Filters



### Discretes/Passives



### Dispalys



### RF Modules



### Sensors



### Embedded



### Audio



### Crystals



### Protection



### Batteries



### OBDII



### Memory



### RFID



### Switches



### Semiconductors



### Relays



### Connectors



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