

Ivent Solutions Market Trend Update

December 2018



electric imp


Electric Imp Reinventing Cellular IoT

As mentioned in the last edition of the Ivent Market Trends Report, Electric Imp is reinventing cellular IoT, dramatically eliminating complexity, and finally delivering on the promise of cellular IoT — making it simple, affordable, and ubiquitous. Cellular networks have evolved from being human-centric to being machine-centric, but cellular IoT is still stuck in the SIM ages. Electric Imp are changing all of this...

Until today, cellular IoT meant complexity. Negotiating with carriers, managing SIM subscriptions, dealing with data buckets and overages, integrating connectivity and applications, and securing the solution end-to-end meant companies spending too much time on cellular and not enough time delivering real IoT application value. With the product covering most countries around the globe the solution is just as simple as adding power!


Electric Imp now has over a million devices on its proprietary platform (eco-system). The initial cellular offerings are provided in a tiny m2 card form factor. Images can be seen opposite this article. This pluggable design solution simplifies stock management for global products, eases testing demands, and allows customers to move to future cellular standards without needing to change their product designs. Both products include a secure ARM Cortex processor running impOS, generous application workspace, and full industrial temperature range support.

Contact Ivent today for technical support to get your Electric Imp provisioned and on the cloud!



impC001

High performance cellular with LTE cat 1, 3G fallback and Ethernet. Available in US, Europe and Australia/ NZ variants



impC002
(Q1 2019)

Low power cellular with LTE cat M / NB-IoT, available in a single worldwide SKU



impCellular Service Features



Smart Activation

Devices are billed only for months they're online.



Smart Select

Your device can use T-Mobile, AT&T and Verizon networks, at the same price. Give your customers the coverage they deserve.



Smart Pool

All your devices' data allowances are pooled, simplifying plan choice down to one.



Smart Throttle

Per-device data limits enforced without cutting connectivity, allowing runaway devices to be debugged without a truck roll.



Cloud Agents

Cloud-hosted VMs deal with both simple and complex data integrations, without burning a byte of cellular data. HTTP, MQTT and AMQP all supported.



ImpSecure

OS and security updates delivered at no extra charge to every device.

Of course, with our heritage of delivering secure WiFi and Ethernet connected devices, impCellular devices can also support these protocols meaning your application can use whichever network type is most suitable at a given time.



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NZD versus AUD - AU\$0.950 vs NZ\$1.00 ↑



NZD versus USD - US\$0.685 vs NZ\$1.00 ↑



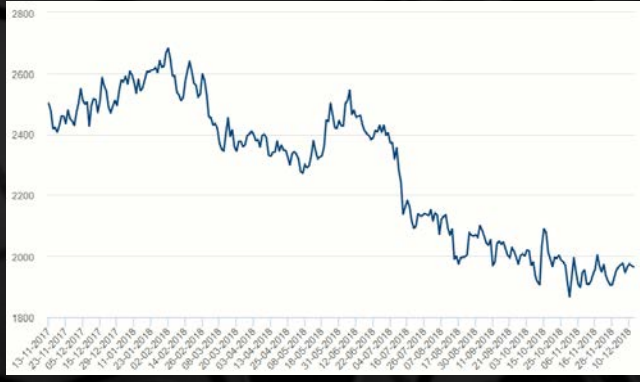
NZD versus EUR - EU\$0.590 vs. NZ\$1.00 ↑



Copper - USD6150 / tonne ↓



Lead - USD1950 / tonne ↓



Nickel - USD10700 / tonne ↓

