



STATUS

POWER

iContact[®]

Global remote monitoring and control system

Keeping an eye on your assets

What is iContact?

iContact is an IoT (Internet of Things) device that can be interfaced to electromechanical equipment for remote monitoring, control and diagnostics.

The iContact device collects data and 'talks' to its parent – a specially developed software package produced with Python programming. iContact collates the data and sends it to a user gateway that allows the client to remotely monitor and control assets accordingly.

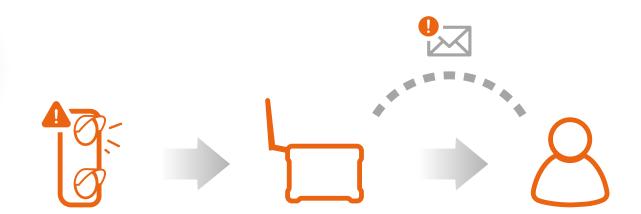


iContact's key benefits

- Universal connectivity & remote control for electro-mechanical equipment
- "Over-the-Air" global immediate alerting allowing for instant response
- Reduced carbon footprint by avoiding unnecessary site visits
- Reduced energy costs with exception alerting
- Improved customer/service provider communication & relationship
- Increased SLA and KPI performance via instant response and accurate fault finding

How it works

iContact uses wireless GSM/GPRS technology to collect and transfer data which is fed into the iContact Gateway for 'real time' views or timed reports. These customised gateways can be accessed via computer, tablet or mobile devices to manage performance, control key operating systems or identify faults which greatly reduces the need for a site visit.

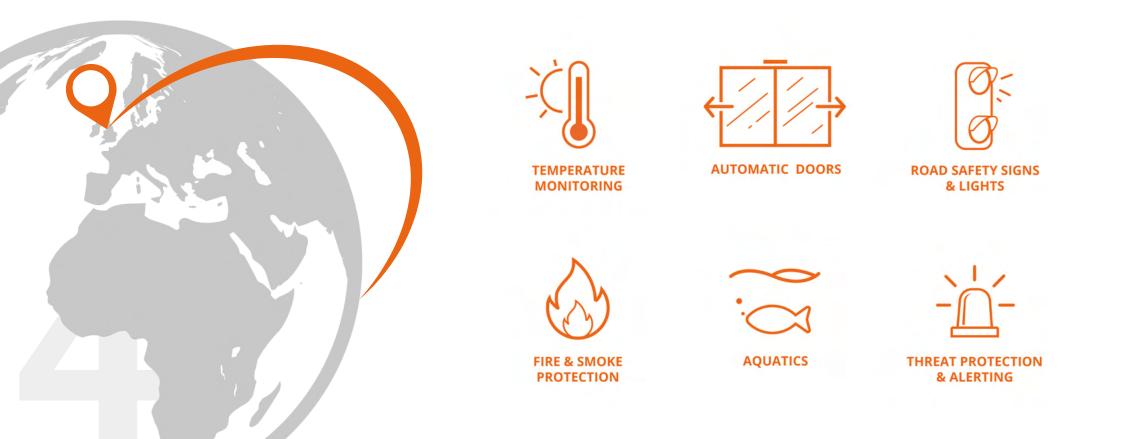


iContact provides the customer with control over their electro-mechanical assets, with the ability to connect to up to 16 different elements at a given time. Those elements all constantly connected to the iContact gateway which provides in depth data and maximises product performances.

Where can it be used?

Once installed, iContact can be accessed from anywhere across the globe, allowing for full control of assets at any given time via the Gateway.

iContact can be used in vast range of manned/un-manned working environments. It is regularly used within commercial retail, manufacturing and warehousing premises – providing facilities managers and end-users with the tools for rapid diagnostics, performance reporting and essential remote locking/unlocking.



Hardware

- Quad-band GSM/GPRS modem
- 5 On-board relays (1 x 5 Amp & 4 x 1 Amp)
- 16 Digital Inputs (8 x SP & 8 x SG)
- 3 Analogue Inputs (Temperature or Timers)
- RS485 or RS232 Data interface (switchable)
- SPI Expansion port for additional relays
- Integrated status LEDs

Dimensions

• H90mm x W130mm x D35mm (excludes aerial)

Operating Voltage

• 300mA at 12 VDC (variable subject to voltage)

Features

- GPRS/FTP Data transfer protocol
- SMS command structure
- E-mail alerting configurable via gateway
- DIP switch configuration options
- Switchable inputs to ground or to positive
- Over-the-Air upgrades
- RoHS compliant
- Primary power failure alerting

Operating Voltage

• 9 - 24 Volts DC



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Virtual Usher provides occupancy control management for all types of buildings and premises including small and medium size shops, offices and medical centres to larger applications such a schools, universities, sports facilities and supermarkets.

Virtual Usher can reduce or even eliminate the need to use staff or security personnel to control entry and assists with maintaining government social distancing guidelines.

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