

Total Remote, M2M Asset Management & Data Communication System

SC2 |   



SUCCORFISH
M 2 M

Locate, monitor and control all **land, marine** and **tactical assets** operating in the most remote, dangerous and challenging environments anywhere in the world.

Designed and developed by industry experts to withstand the Earth's harshest conditions, the SC2 provides truly global, 24/7 asset connectivity and the ultimate resilience for demanding applications.

This innovative, multi-functional, turn-key, data transfer solution is hard-wired to any mobile asset and incorporates secure, online software to provide total, real time, pole-to-pole connectivity anywhere in the world.

The SC2 incorporates advanced, dual Iridium satellite and GPS/GPRS/GSM mobile technology to provide accurate global positional data to within TWO METRES.

No other product comes close to providing such a superior, 'one box', fit and forget, asset management and data communications solution.



 Land	Construction		Logistics
	Agriculture		Mining
	Forestry		Government
 Marine	Shipping		Fisheries
	Renewables		Oil & Gas
	Sciences		Coastguard
 Tactical	Government		Tactical
	Private Security		Covert Ops.



Key features | dimensions: 116mm X 66mm X 43mm, weight: 700g

Rugged IP67 enclosure designed for industry.

Dual GPS/GPRS/GSM/Iridium satellite connectivity.

2GB internal memory.

CANbus J1939/CAN open.

Wifi/Bluetooth/3G connectivity.

Internal battery.

DOTA firmware link failsafe protected.

AES256 data encryption security/IPSEC VPN.

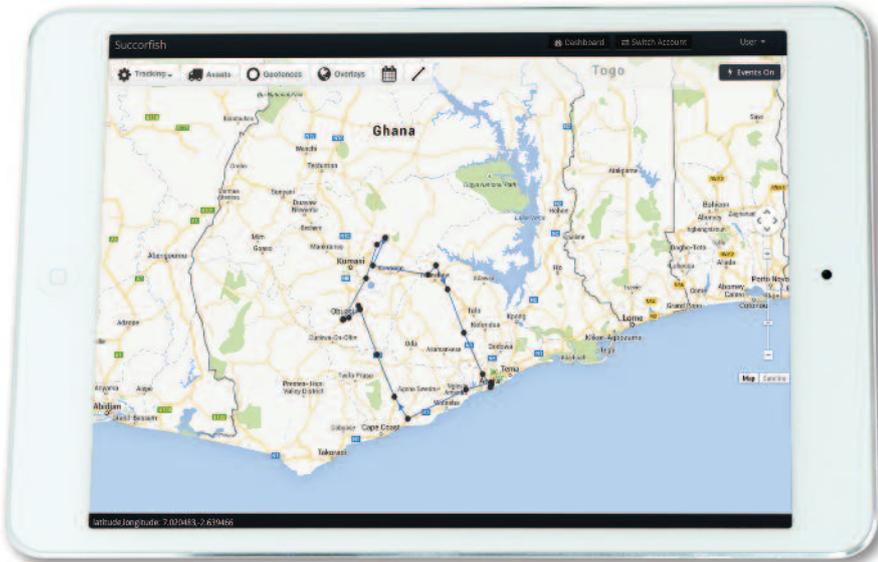
Operating temperature from -40 to +85 degrees C.

No external antennas required (covert fit, one box solution).

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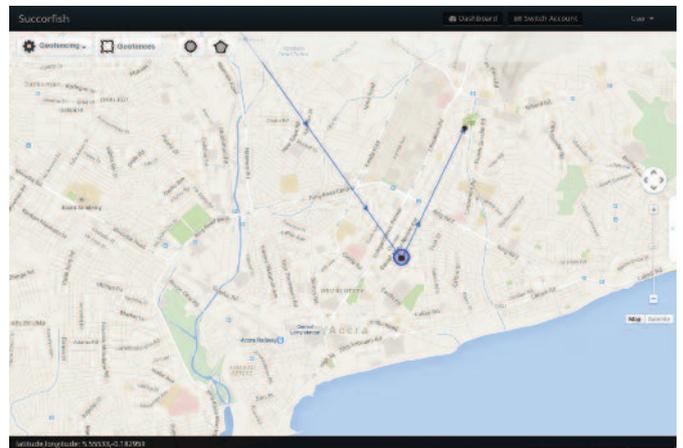
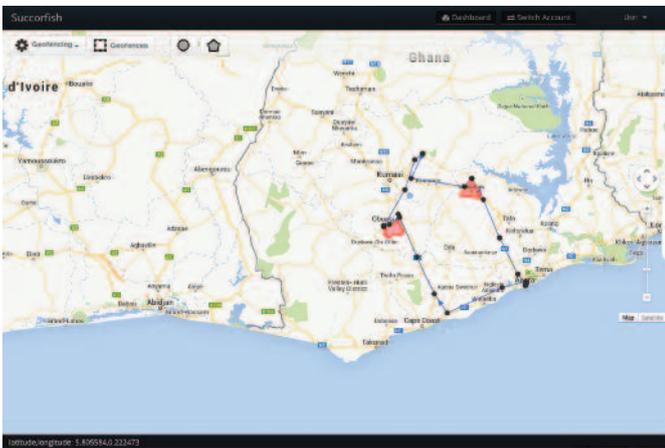
Real time connectivity data is securely transmitted via a sophisticated but easy to use, graphical user interface (GUI).



Innovative SuccorfishM2M software and an accompanying download app. have been specifically created to meet the needs of industry and provide instant access to high worth asset data.

Valuable information including current asset position, historical route map, secure email, engine management (CANbus) and security status is streamed back live to any PC, desktop or mobile device via a secure, tiered password protected, graphical user interface.

Users can allocate administrative permissions and pre-set specific data requirements including 'geofencing', a key function that allows an asset's route, speed and destination to be pre-determined. If breached, an instant alert is sent back to the user via SMS/email for proactive action.



Key features | software capabilities

Industry specific experience to ensure best practice of data availability, security, backup, disaster recovery and support.

Rapid response and constant feedback into the core system to ensure superior functionality.

SaaS model to reduce fixed costs and lower overall expenditure on hardware and management.

Remote, secure, online access and control from any internet connection.

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SC2 | Technical Specification

Anti-tamper IP67 enclosure designed for industry	Advanced anti-jamming suppression	2GB internal memory
Anti-tamper cable loop	No external antenna required - one box solution	DOTA firmware link (failsafe protected)
Internal anti-tamper switch	Rapid time-to-first fix (TTF)	Non-volatile memory storage
Milspec 810G/vibration/shock/temperature	Power Supply: 6-36 VDC	Xbee-Pro provisioned
AES 256 encrypted data stream	Power Consumption @: 12VDC	Intelligent power management
IPSEC VPN	Transmit GSM/GPS: 200mA	Jamming interference monitoring
Power indicator LED	Transmit Iridium: 300mA	Wifi, Bluetooth and 3G connectivity
Internal battery back-up	Triple axis accelerometer	868MHz communications
RFID connectivity – RS232	Power digital input/output cable option (15m)	Operating temperature -40°C to 85°C
Built-in 5amp control relay	USB cable option (5m)	Position accurate to within two metres, course to 1 degree and instant speed to 0.1 knot
Hardware internal geofencing	Secure mounting lugs	AIS-SART capability option
CANbus J1939/CAN Open	Anti-vibration mounting pad	Over-the-air variable reporting frequency
Internal high gain GPS antenna	Dual GPS/GPRS/GSM-Iridium satellite connectivity	Cloud-based secure client software
Internal 3G quad band GSM high performance module	E-log ready (Fisheries)	Multi-constellation GNSS
Internal Iridium 9603 (SBD) modem	Ultra low power consumption	

Associated Products |



(please ask for more details)



SC4 - The only monitoring, location, safety & rescue system of its kind to offer a superior, multi-functional, personnel communication solution.



SC4-X - A new, revolutionary elite operator messaging hardware system delivering secure, two way, subsea communications to a depth of 40m.

SuccorfishM2M | all enquiries please contact

SuccorfishM2M is at the cutting edge of designing and manufacturing robust, fit for purpose, hardware, software and data communication solutions for assets working in the most extreme environments.

Based in the UK but with a manufacturing facility in the US and distribution partners worldwide, our machine-to-machine products are designed by experts to withstand the toughest operating conditions. They are the preferred choice for organisations requiring a sophisticated yet cost effective, 'fit and forget' asset monitoring and data capture system. See www.succorfish.com for more details.

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