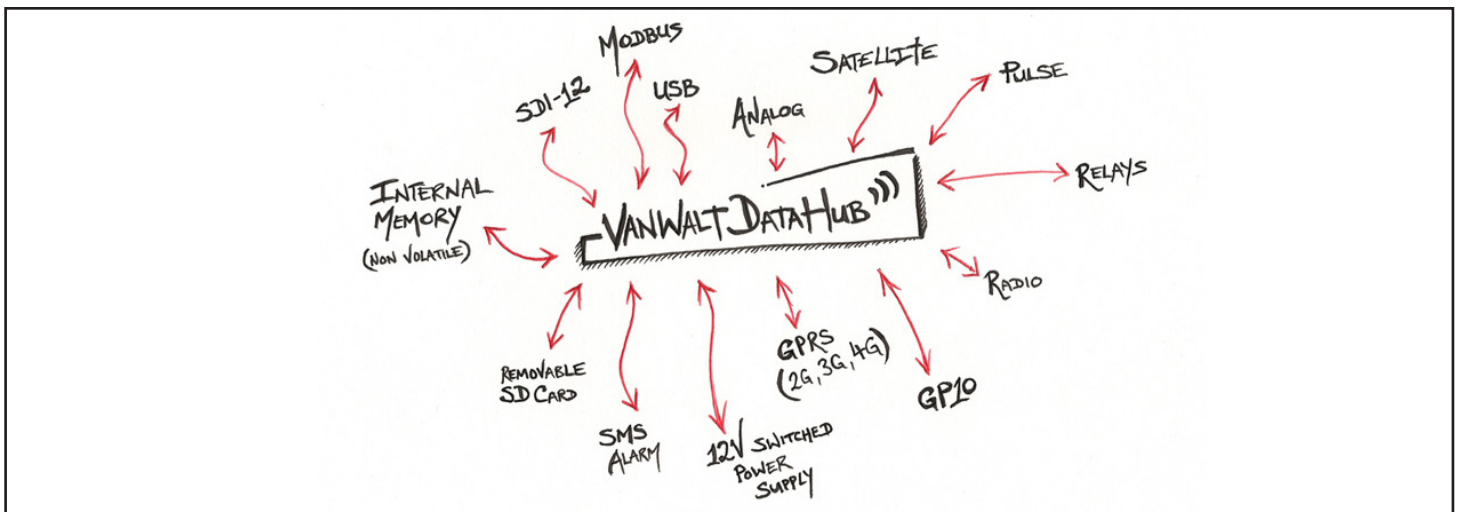




vanwaltDataHub

Memory	Non Volatile Internal Memory Internal micro-SD card for data redundancy
Wireless Connectivity	Iridium Satellite Quad-band GSM / GPRS (2G, 3G, 4G) / EDGE (850 MHz, 900 MHz, 1800 MHz, 1900 MHz) Radio Frequency communication, 869.4-869.65MHz frequency at 100mW RF output power
Other Connectivity	USB connection for configuration and diagnostics Ruggedized connection to external memory key for data extraction
Processors	Linux Board based on 800MHz ARM® Cortex®-A8 CPU with 256MB RAM Ultra-low-power microcontroller using the 32-bit ARM® Cortex®-M0+ processor at max. 48MHz
Available Connections	SDI12 Modbus Switchable power supply outputs (12V and 5V) General Purpose Outputs (max. 3.3V) General Purpose Inputs (0-12V) General Purpose Inputs (0-5V) Analogue inputs RS232 for Iridium modem Pulse counting Relays Removable SD Card
Internal Functions	Battery monitoring Solar Panel input and battery charging Internal Temperature sensor SMS alarm Remote configuration
Power	Internal 2 x Lead Acid 12V 4Ah Low power design





vanwaltDataHub

