

IRIS Software Package

Disclosure Number

201202878

Technology Summary

The invention relates to remote monitoring and more specifically to a system for acquiring sensor data on a global scale. This communication device allows a user to remotely activate a system and obtain status updates regarding that system. In particular it has been used for remotely activating air samplers, although other applications could be envisioned. Included is a satellite communication system to enable global sensor data collection and remote system control. This system implements a custom protocol that supports encryption and authentication. The constellation provides global coverage including oceans, airways and polar regions.

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