

Bluechiip industry solution trial proves successful

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Singapore: Australia company Bluechiip, which has developed a unique asset-tracking solution initially for cryogenic sample management in the healthcare and life science industry, has achieved a successful pilot trial of its tracking solution by ATCC, a US-based leader in biological materials management and processes.

ATCC is purchasing the Bluechiip solution so that they may be an early adopter of the bluechiip technology and to facilitate enhancement of cryogenic sample management and bench research via temperature evaluation and tracking.

ATCC stores approximately 10 million biological samples of different formats. The repository portion of its facility contains 200 freezers to store biomaterials, including vapor-phase liquid nitrogen freezers, mechanical freezers and cold rooms. End users of these products and services originate from over 140 countries and include researchers in academia and government, as well as private industry. ATCC's collections encompass a wide range of biological materials for research, including but not limited to cell lines, microorganisms and bioproducts.

The pilot trial was a collaboration sponsored by Bluechiip, ATCC and Corning Life Sciences. The robust study was conducted at ATCC's biological resource facility in Manassas, Virginia. The pilot trial evaluated the bluechiip technology across a comprehensive range of cryogenic sample management and cold chain processes. The pilot trial verified the bluechiip tracking solution - which enables sample identification and temperature information to be read at temperatures as low as

those reached in liquid nitrogen, approximately -196 degrees Celsius and enables data to be transmitted through frost.

Bluechiip's Managing Director, Brett Schwarz, said, "We are excited to receive our first sales order, particularly from a world leader in our first targeted market of biobanking and biorepositories. This is validation of the enormous potential and wideranging applications of the bluechiip tracking solution."

Bluechiip has developed a wireless tracking solution with temperature sensing capabilities for the healthcare and life science, security, defence and manufacturing industries which represents a generational change from current methods such as labels (hand-written and pre-printed), barcodes (linear and 2D) and microelectronic integrated circuit (IC)-based RFID (Radio Frequency Identification).