



Why do you need a Bluechiip tracking system?

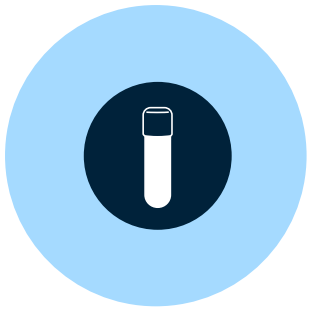
Productivity, Sample quality and integrity. December 2017



**Unique patented MEMS technology combining secure
wireless tracking with integrated temperature
sensing for extreme environments**

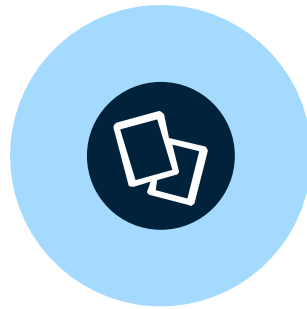
Biopreservation trends

Biobanks moving from COST to PROFIT centre



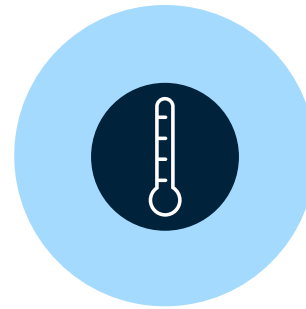
High volume
processing

**Productivity &
Automation**



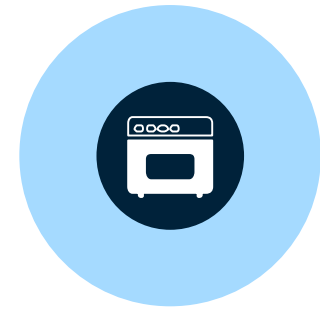
Dual
labelling

Reliable ID



Criticality of
temperature

Sample quality



Increasing demand
for -196C° storage

**Cryosafe
technology**

Sample tracking issues

Illegible handwriting and manual record keeping



Sample tracking issues

Printed labels falling off, fainting or illegible



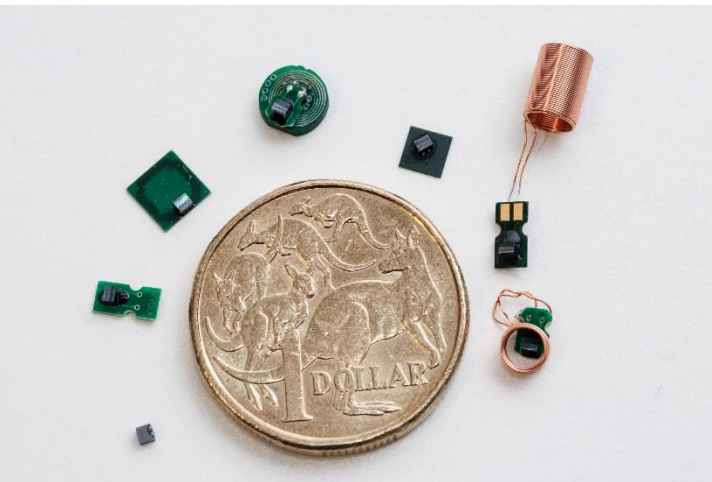
Sample tracking issues

Illegible labels due to frost, time wasted and uncontrolled temp excursions



Bluechiip core technology

Unique patented MEMS technology combining secure wireless tracking with integrated temperature sensing for extreme environments



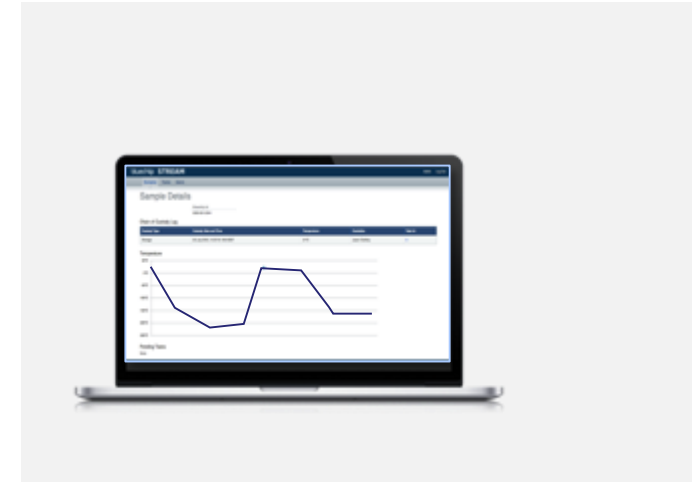
Bluechiip MEMS chip

- NOT an RFID
- Wireless
- Multiformat
- Customisable



Bluechiip enabled readers

- Single point
- Multi point
- Mobile










Sample Manager SW

- Bluechiip Stream or
- Web API to any other LIMS package



Available tracking technologies

	Human Readable	Barcodes	RFID	Bluechiip
 Gamma Resistant				
 Cryo safe Survives extreme temps				
 Non visual ID Reads through frost				
 On-board sensor Temperature sensing				
 Reduced human error				
 Productivity improvements				

Product Range

Biobanking users



OEM's and Automation Partnership opportunities



See bluechiip™ product range in www.bluechiip.com



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