



STREAMLINED STORAGE MANAGEMENT AND AUDITING
OF CRYOBAG CASSETTES INVENTORIES IN ULTRA LOW
TEMPERATURE FREEZERS

INDUSTRY

Global Pharma - Cell Therapy

DEPARTMENT

Lab Operations - Process
Development

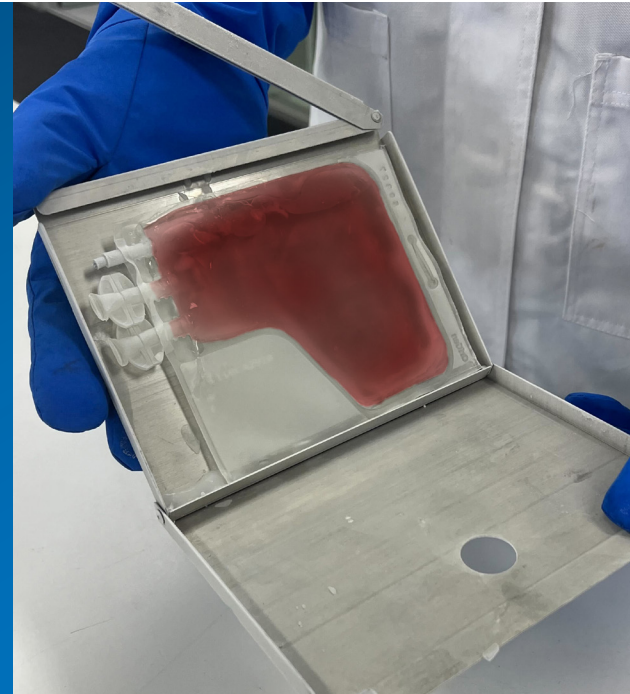
LOCATION

Southern California, CA



The facility needed a complete storage solution for frozen viral vectors stored in cassettes -80C Freezers. The previous approach made it difficult to locate samples, with operators sometimes spending hours or days manually searching through freezers. Manual sample tracking meant quarterly inventory audits were labor intensive, often lasting weeks and involving multiple groups of people.

Bluechip's unique advanced sample management solution has dramatically simplified storage of cassettes and racks, providing real-time visibility and control of sample locations, leading to significant efficiency gains in sample retrieval and auditing.



FACILITY'S KEY CHALLENGES

LABOR INTENSIVE SAMPLE MANAGEMENT

Significant operator time locating, dispensing and auditing critical inventories

MANUAL TRACKING

Previously tracked samples using laboratory notebooks and spreadsheets

MULTIPLE STORAGE FORMATS

Multiple cassette sizes meant the lab had to manage a variety of different racking systems

SAMPLE TYPES

Viral vectors, Cell Lines

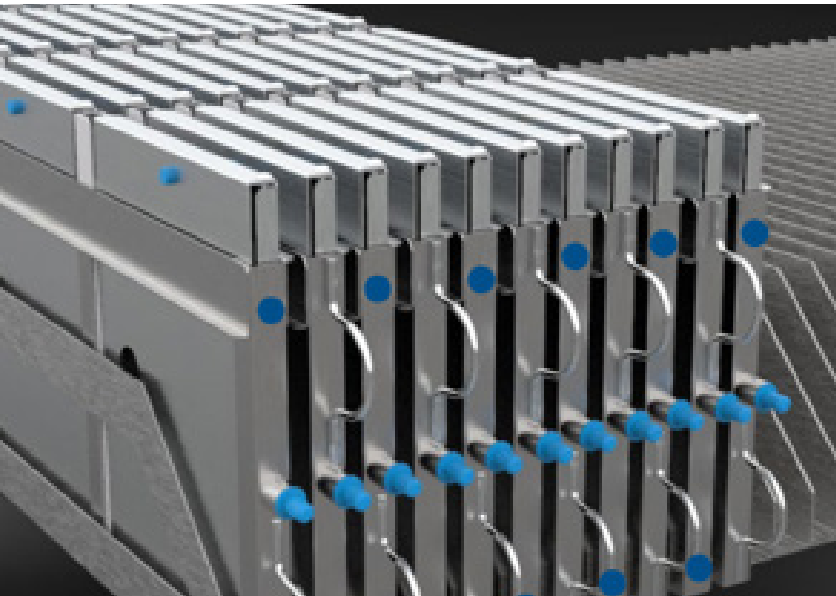
STORAGE

-80C Freezers

BACKGROUND

The client's facility is home to its core R&D and manufacturing facilities. The client is a global leader in cell therapies.





SOLUTION

The client benefited from working with a solution provider that can combine its unique technology and capabilities to solve their ultralow temperature storage challenge.

Bluechiip designed and delivered a customized -80 freezer storage solution, including shelving racks and cassette frames enabled by Bluechiip technology. The solution simplifies both the physical and digital management of samples, allowing updates to inventory directly at the freezer using Bluechiip readers and software.

Bluechiip's solution has optimized storage capacity while simultaneously leading to a dramatic reduction in critical operational processes related to sample dispensation, auditing and retrieval to improve productivity and inventory control.

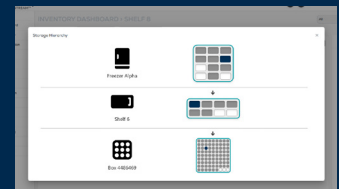
KEY PRODUCTS



Bluechiip Enabled Sample Storage

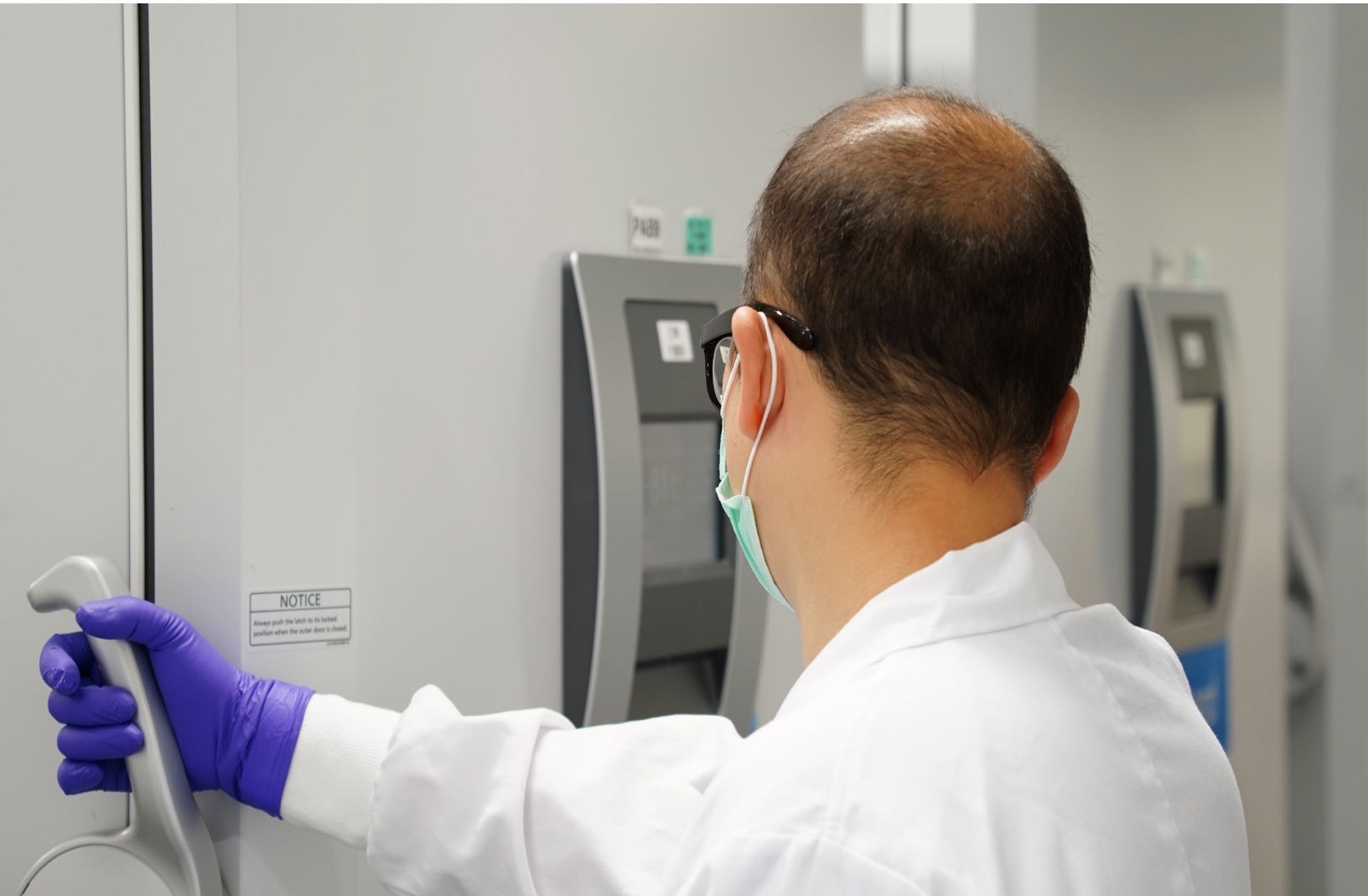


Bluechiip Handheld Reader



Bluechiip STREAM software





KEY BENEFITS



Streamlined sample dispensation



Dramatically improved audit time



Optimized storage capacity



Turn-key solution provider

ADVANCED SAMPLE MANAGEMENT SOLUTION



ABOUT BLUECHIIP

Bluechip, a leader in advanced sample management solutions, understands that every sample is critical. Our objective is to manage each one with optimal quality in the most efficient way. Our range of products and services supports leading laboratories worldwide in clinical research, drug development, and advanced cell and gene therapies.

Bluechip's Advanced Sample Management Solution uniquely offers sample temperature tracking with ID, even in harsh cryogenic environments to drive productivity and redefine quality, delivering confidence in every sample.