# ARCTICSTORE
## BY TITAN CONTAINERS

Containers · Cold Storage · Offshore · Self Storage · 4People · Transport

# Flexible Cold Chain Solutions For The Pharmaceutical Industry

**TONY HAWKES**

**20th OCTOBER 2023**

# TITAN CONTAINERS



**1987**
*ISO container sales*

**2010**
*Invented SuperStore
& Rental Model*

**2015**
*Global Expansion*

**2022**
*40,000 Units
On Hire*

**2008**
*Acquired ArcticStore*

**2010**
*First TITAN
Self - Storage
Site*

**2019**
*Kirk Capital*

**2023**
*ISO
Cold Chain
Self-Store*

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**ARCTIC**STORE™

## Business Centric Flexibility

- Changing timelines
- Capacity needs change
- Contract uncertainty
- Limited budget allocation
- Risk mitigation

## CAPEX & OPEX Controls

- Budget constraints
- Shrinking OPEX budgets
- Complex CAPEX approval processes
- Tasked with cost reduction YoY

## Adaptation to Business Dynamic

- Market changes
- Customer contracts
- Changing production yields
- Clinical trials

# BUILT IN COLD STORAGE

- Assessment & Planning
- Regulatory Compliance
- Permitting and Licencing
- Design
- Selection of Refrigeration Equipment
- Temperature Control Equipment
- Insulation & Sealing
- Construction Work – associated disruption
- Special Concrete Required
- Special Epoxy Paint Sealants
- Electrical & Plumbing
- Waste Trap & Control
- Safety Access & Control
- Quality Assurance
- Training & Documentation
- Operation & Maintenance
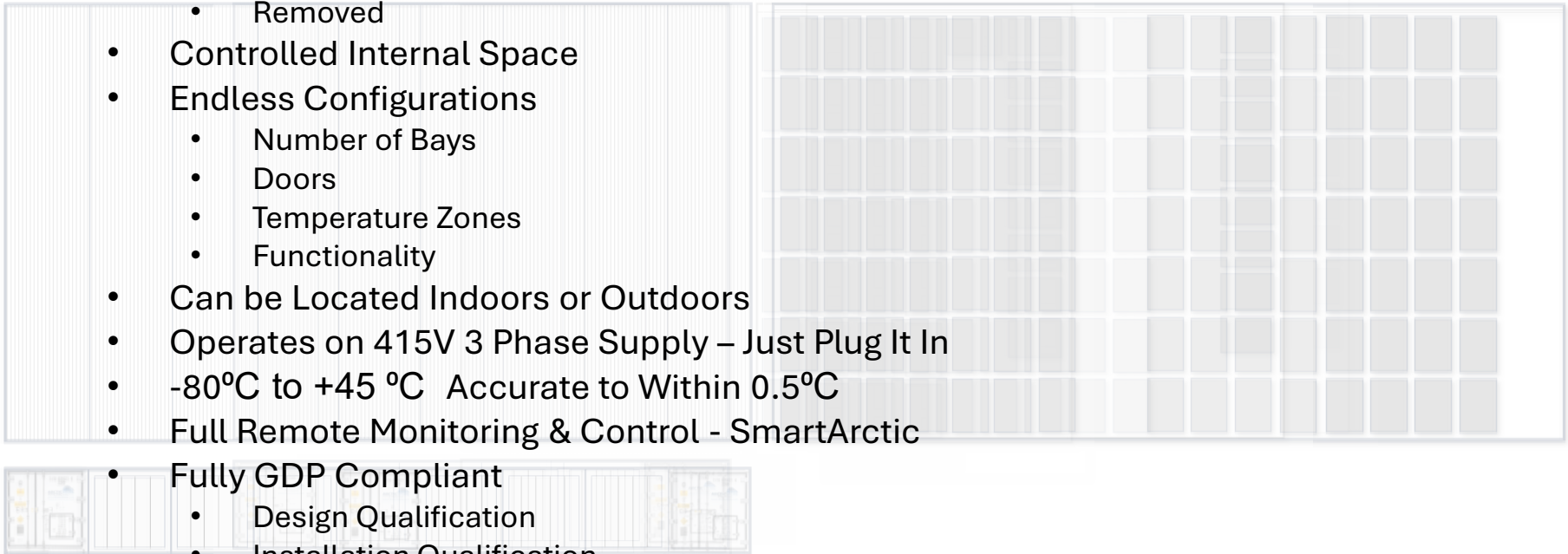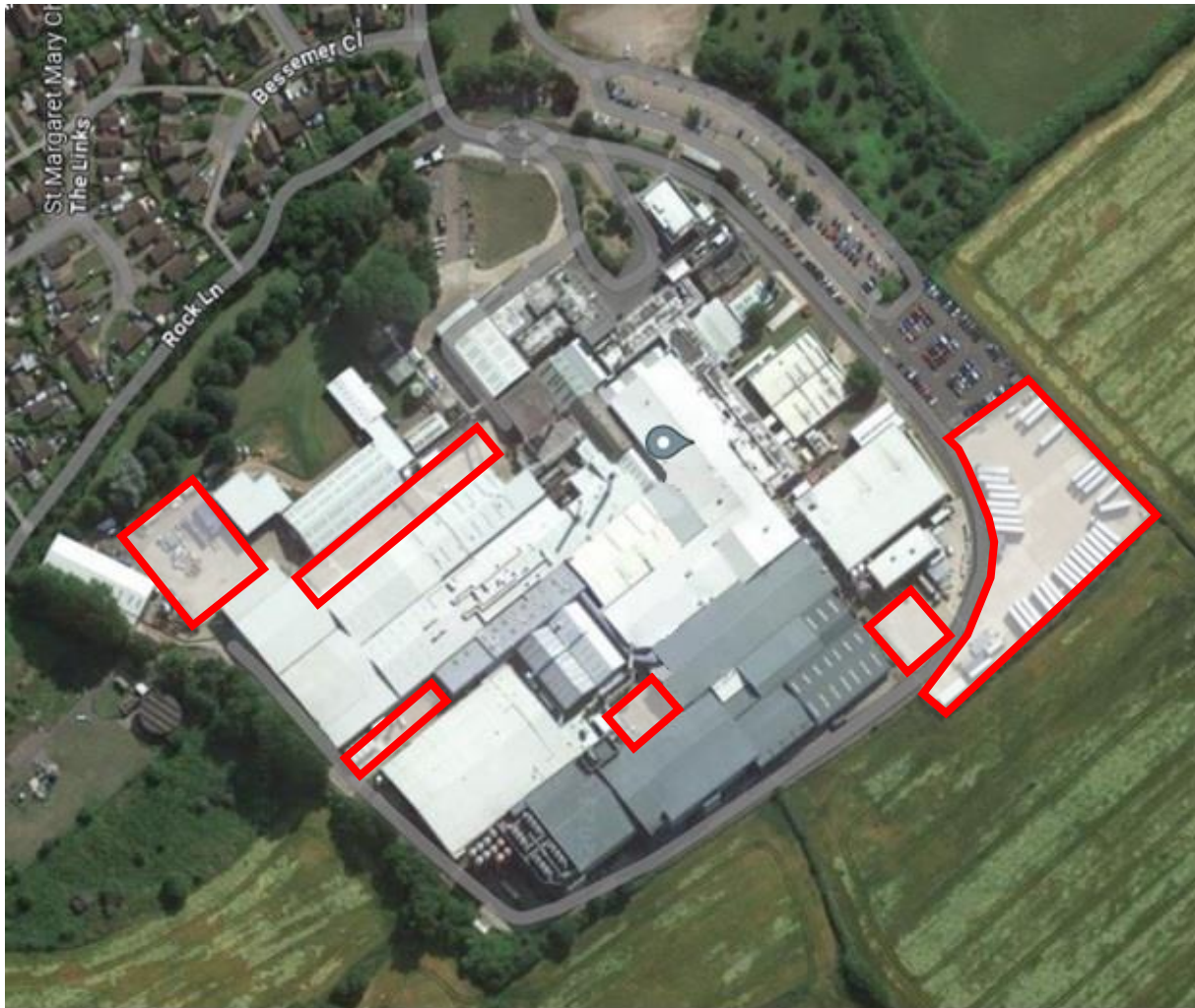- Lease Constraints & Dilapidations

TEMPERATURE CONTROLLED STORAGE REDEFINED

# CONTAINERISED COLD STORAGE

- **A Temporary Structure**
  - Does Not Require Planning Permission
  - Relocated
  - Reconfigured
  - Removed
- **Controlled Internal Space**
- **Endless Configurations**
  - Number of Bays
  - Doors
  - Temperature Zones
  - Functionality
- **Can be Located Indoors or Outdoors**
- **Operates on 415V 3 Phase Supply – Just Plug It In**
- **-80ºC to +45 ºC  Accurate to Within 0.5ºC**
- **Full Remote Monitoring & Control - SmartArctic**
- **Fully GDP Compliant**
  - Design Qualification
  - Installation Qualification
  - Operational Qualification
  - Performance Qualification
  - 32 Page Report & Full Certification

# CONTAINERISED SOLUTION REQUIREMENTS

# COMPANIES USING THIS SOLUTION INCLUDE ....

ARCTICSTORE™

TEMPERATURE CONTROLLED STORAGE REDEFINED