

# Case study: Design Scope for Manufacturing Relocation

## Background

- Fast growing business (4x vol. growth projected in next 3 yrs) desired to quickly relocate manufacturing operations to increase capacity and reduce cost
- Large reliance on “tribal knowledge” vs well documented process and controls created potential product quality risks post transition
- Management sought experience with planning and execution, and to overcome resource constraints within their team (ie, the Ops team already ‘have day jobs’)
- Retained Saphineia to prepare a ‘Design Scope’ (a detailed plan containing the business and technical objectives for the new facility)

## Activities

- Formalized process flow documentation and identified process constraints
- Developed capacity model for existing and future operations to determine production requirements to meet business’s growth needs
- Converted production requirements to high level layout to confirm new facility space and infrastructure requirements
- Delivered comprehensive design scope compiling all requirements

## Results & Benefits

- ✓ Provided solution that minimized process changes to protect product quality while creating a ‘scalable’ facility which enabled capital deferral
- ✓ Created a phased relocation strategy to mitigate business service risk
- ✓ Identified process improvements to improve operating performance while minimizing quality risk
- ✓ Documentation enabled operational leader to obtain higher quality design/build quotations and manage the transition to the new facility

Client: Dairy Manufacturer  
Project : Design scope for new facility

