

## Planning & Design



# Engineers of Confidence.

Belimed stands on a long history of fine craftsmanship and precision engineering. Our vision to combine world-class, stainless-steel workmanship with washer manufacturing expertise allows us to deliver innovative products for the medical industry.

Over the past 50 years, we have become more than a medical equipment manufacturer. Today, we are a leading specialist in the field of sterile processing solutions, providing our customers with a technology-driven portfolio of integrated products and services dedicated to the sterilization, disinfection, and cleaning of medical and surgical instruments.

We collaborate with our customers to precisely identify and resolve their challenges with trusted solutions that improve their overall work environment within the Sterile Processing Department. Our complete spectrum of sterile workflow solutions includes planning and design, market-leading equipment, consumables, service support, data connectivity, education, and training.

We are a multi-talented team, united by one mission. To instill living, breathing, confidence within our customers, empowering them to advance medical care and ensure the health and safety of patients and medical personnel.

At Belimed, we are all *Engineers of Confidence*.



## Belimed | Blueprint

### Planning & Design

Planning and Design leads the way of Belimed's products and services portfolio. Whether our customer is planning a full-scale construction project or renovating their current Sterile Processing Department (SPD), our planning and design engineers bring their collective vision, wealth of expertise and tools, and rigorous management skills to every project—large or small.

Confidence is earned from the start of every project. We understand that each facility is unique and has its own set of requirements and limitations. We do this by forging close-working relationships with our customers to establish a deeper understanding of their precise needs.



# Belimed Blueprint Services

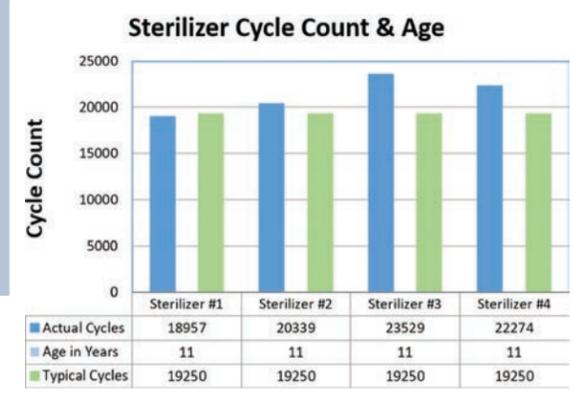
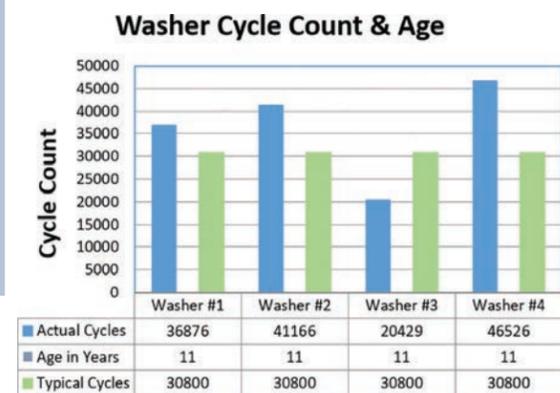
## Site Assessment and Capability Analysis

From assessing equipment condition to calculating throughput to identify and eliminate inefficiencies.

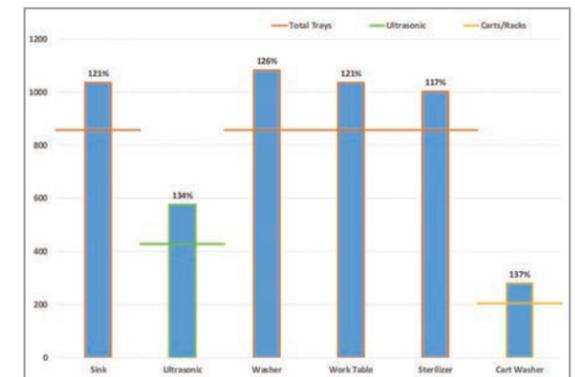
Equipment Description	Total #	Age (years)	Condition	Cycle Time
Prep & Pack Tables	7	11	Average	20
Processing Sinks	3	11	Average	5

### Site Assessment Example

Equipment Description	Cycle Count	Age (years)	Typical Cycles for Age	Condition	Make / Model	Cycle Time (min)	Trays or Carts / Load (Average)	Containers / Load (Average)
Washer #1	36876	11	30800	Poor	Vendor / Washer XYZ	45	6	
Washer #2	41166	11	30800	Poor	Vendor / Washer XYZ			
Washer #3	20429	11	30800	Average	Vendor / Washer XYZ			
Washer #4	46526	11	30800	Poor	Vendor / Washer XYZ			
Cart Washer #1	5557	1	5000	Good	Vendor / Cart Washer XYZ	15	2	20
Sterilizer #1	18957	11	19250	Average	Vendor / Sterilizer XYZ	75	12	
Sterilizer #2	20339	11	19250	Average	Vendor / Sterilizer XYZ			
Sterilizer #3	23529	11	19250	Average	Vendor / Sterilizer XYZ			
Sterilizer #4	22274	11	19250	Poor	Vendor / Sterilizer XYZ			
Ultrasonic Washer #1		1		Good	Vendor / Ultrasonic XYZ	10	1	
Ultrasonic Washer #2		9		Average	Vendor / Ultrasonic XYZ	10	1	



Planning and Design provides our customers with a clear picture of their capital equipment landscape for sterile processing. This assessment, combined with our proprietary capacity analysis tool, provides a detailed outline of capital spend within a CSSD over the next 5 to 10 years—from immediate need to a long-term watch list. Our plans allow your CSSD to minimize operational risk and maximize spending within the department.



## Simulation for Facility Optimization

An essential tool for validating your CSSD design needs, our proprietary simulation model provides absolute confidence in your investment's desired outcome and future performance.

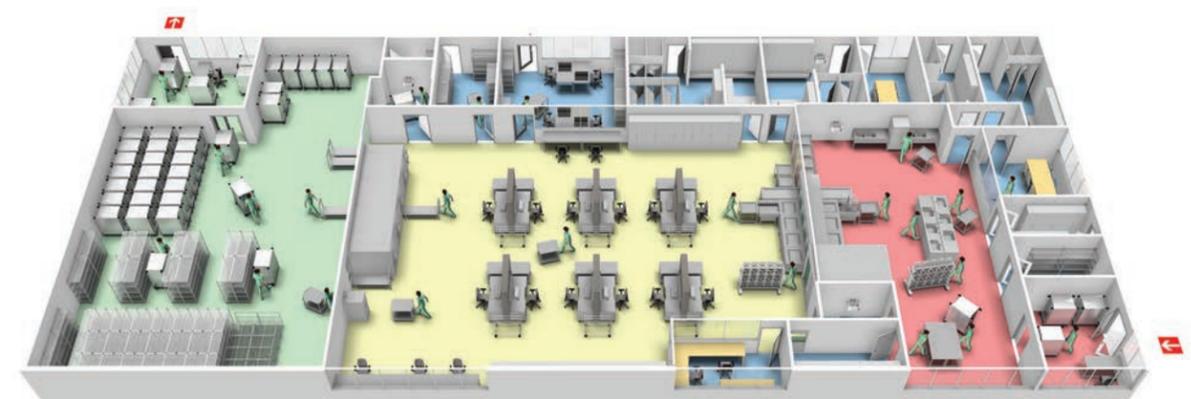


## Photo-Realistic Renderings

Explore the possibilities for your new CSSD through life-like facility images.

## 3D Visualization and Virtual Walkthroughs

See the big picture of your facility with 3-dimensional renderings, and bring it to life by experiencing the flow of your new CSSD through real-time virtual animation.



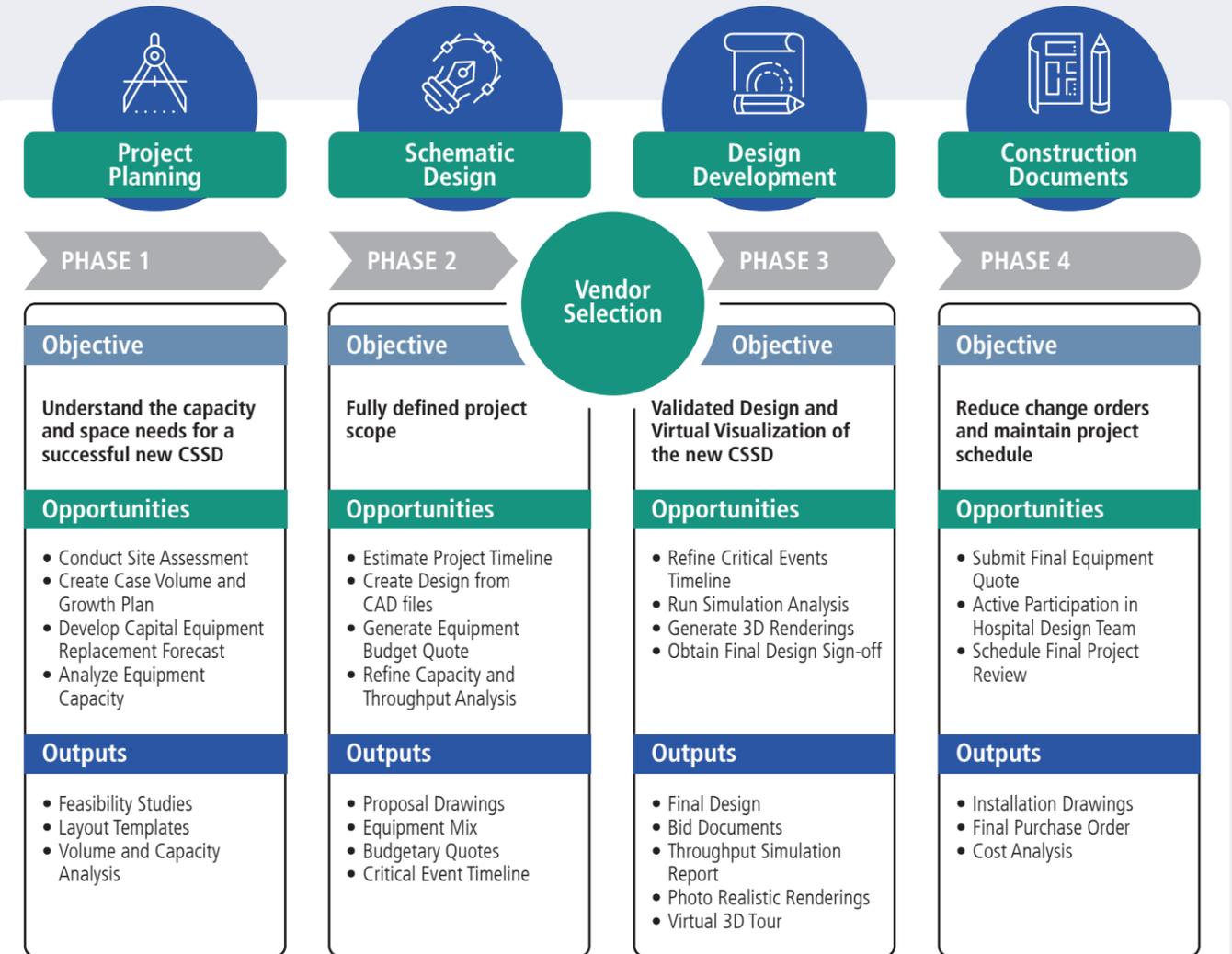
The Belimed advantage comes from our experience and knowledge of thousands of successfully delivered projects. It is our job to work with industry equipment planners, architects, and construction teams using an open and collaborative approach. This creates the best possible solutions for a unidirectional workflow, while maximizing throughput, safety, and efficiency.

Our design process and digital design tools allow us to work with customers before the first brick is laid or the first piece of equipment is installed.



Throughout the entire project, we champion optimization by seeking out smarter ways of doing things. We are experts in finding and maximizing efficiencies. Our design process and digital design tools allow us to work with customers before the first brick is laid or the first piece of equipment is installed. These tools guide our decision making and provide insight into greater design possibilities, allowing us to see the full potential of a space to increase performance and efficiency.

## The Four Project Phases



# Contact

Belimed Inc. is a leading supplier of medical and surgical instrument sterilization, disinfection, and cleaning products and services.

With 12 Belimed companies throughout Europe, North America and China, Belimed is represented worldwide by a strong network in over 80 countries.

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**Belimed**  
Infection Control

For more information,  
visit [www.belimed.com](http://www.belimed.com)

