

## CONSOLES DESIGNED FOR YOUR OPERATIONS AND OPERATORS



**TRESCO IS CERTIFIED TO  
THE ISO 9001:2015 QUALITY  
MANAGEMENT STANDARD**



## CHOOSE TRESCO

At Tresco we understand the high stakes in every decision made within command centers. That's why we specialize in control room console designs that are engineered to boost operator performance in mission-critical environments.

Our advantage is the ability to personalize every console to meet your operational requirements. Each console is designed & manufactured from the ground up in our headquarters in Calgary, Canada.

This ensures the highest quality product by providing complete control over every aspect of the production process.

---

## PROJECT OUTLINE

To provide you with products that surpass your expectations and address your operational challenges, we follow a strategically proven process.

This process breaks down the complex tasks involved in developing a console that optimizes processes into clear, actionable stages.

These stages enable collaboration between Tresco representatives, operators and the control room supervisors to identify operational needs, and design console features that strategically address them, ultimately improving their monitoring and controlling processes.

1. **Project Initiation: Cadence, Timelines & Requirements**
2. **Solution Design**
3. **Approval & Sign-off**
4. **Manufacturing**
5. **Factory Acceptance Testing**
6. **Logistics, Delivery & Install**
7. **Project Approval & Closure**
8. **Post-Install Care & Maintenance**



## 1. PROJECT INITIATION

To design a console that is tailored to your operation, we must first understand the daily tasks and deliverables of the operator.

We will identify the the diferent tasks and the relationships between operators in the room necessary for then to perform at their best. Viewing angles, movement, and layouts based on collaboration will also impact different components of the console, making it important to design and implement features accordingly.

## CADENCE AND TIMELINES

Navigating the pace of a project is especially crucial when it comes to the design and implementation of control room consoles.

Each project unfolds uniquely due to the specific requirements and constraints inherent in your facility. Our approach is tailored to align precisely with your objectives and the timelines essential to your operations.

The cadence of the project significantly impacts the speed at which milestones are reached, heavily influenced by factors such as the complexity and scope of the work involved in designing and installing control room consoles.

## REQUIREMENT GATHERING & VALIDATION

It is critical to engage the right stakeholders to gather valuable data about the process, approaching irrelevant or unrelated stakeholders will result in inaccurate or misleading information gathered about the process and therefore will affect the final design of the control room furniture solution to be developed. Critical information to gather:

1. Operator Requirements
2. Operational Workflow
3. Communication Requirements
4. Spatial Constraints
5. Relevant Equipment Information
6. All additional variables your operation entails



## 2. SOLUTION DESIGN

In this stage, we design initial concepts that address the process needs identified during the requirements gathering phase.

Incorporating operator ergonomics and equipment layouts to optimize your workflow.

This process involves collaboration between Tresco representatives and your key stakeholders in an iterative feature design and approval process to ensure the designed console will be designed according to your requirements.

## HOW WE WORK TOGETHER

Tresco representatives collaborate with your project leaders to narrow down on design features, measurements, fit, finishes, colors, and materials. We will provide product samples in the form of renderings, 3D models, and drawings to ensure you have a clear representation of the final solution,

## OUTCOME

A comprehensive design that addresses the identified needs and requirements. This includes 3D renderings, bills of materials, features, pricing and a structured delivery plan.





### 3. APPROVAL & SIGN-OFF

With the finalized design, list of components, colors, and finishings, we seek your approval to move the project into manufacturing.

This phase is critical because it ensures that all stakeholders are aligned, and the project is moving in the right direction. By obtaining written and signed documents that accept the designed solution, you can ensure that everyone is on the same page and that there is no confusion or ambiguity regarding the project's objectives.

During this phase, it's important to keep in mind that the design presented by the Tresco team will be aligned with the project's goals and objectives set in the initial phases.

### MAIN OUTCOMES

1. Requirement Confirmation
2. Project Alignment
3. Formal Authorization
4. Risk Mitigation
5. Documentation
6. Strong Foundation for Execution



## 4. MANUFACTURING

Our company takes pride in our state-of-the-art control room consoles, which are the result of a precise manufacturing process.

Quality materials are transformed through a series of steps to create a finished product that meets the highest standards of performance, reliability, and aesthetics.

Our manufacturing process is closely monitored and optimized within our Calgary facility to ensure that we can offer our clients fast lead times. We have a highly skilled team of designers, technicians, and craftsmen who work tirelessly to create customized solutions that meet your organizations' specific needs and requirements.

In addition to our commitment to quality and efficiency, we also prioritize safety and sustainability in all our manufacturing processes. We use eco-friendly materials and practices, and we adhere to strict safety protocols to protect our workers and clients.



## 5. FACTORY ACCEPTANCE TESTING

Some clients choose to conduct a Factory Acceptance Test as a part of their quality control process. Tresco supports this by creating a unit of the consoles designed, for your organization's stakeholders to review and approve before the entire production order is shipped to its final destination.

This allows them to ensure that their requirements have been met and any necessary changes to the design have been successfully implemented.

### WHAT IS TESTED?

1. Product colors and finishings matching the client's selection (on the client's signoff form and shop drawings).
2. Product dimensions matching client-approved shop drawings.
3. Functionality of components, clearances, and features.
4. Any additional elements that the client might wish to inspect.

At the end of this procedure, we are left with a FAT sign-off document that ensures you are satisfied with the product and are ready to start the packaging and shipping process.





## 6. LOGISTICS

Our consoles are composed of multiple modular frames and sections that interconnect, this allows for ultimate flexibility for future upgrades and modifications, and it also simplifies the assembly and disassembly process.

We ship your consoles partially dismantled to ensure every element is properly protected and secure during transport to the installation point.

We build crates to the specific dimensions of disassembled parts of the console to ensure maximum protection of internal equipment and finishes, and to optimize space management.



## DELIVERY & INSTALL

We can deliver your consoles to any requested location, we have experience in delivering products to remote and secure sites.

This is achieved through strategic partners that ensure the integrity of the cargo, however, we are also open to utilizing the logistic company of your choosing.

Tresco's installation team is trained and certified within our facilities to ensure your consoles are built to the quality standards you expect.





## 7. APPROVAL & CLOSURE

The final stage of any project is the approval and closure and with Tresco it's no different, in this stage we make sure that you are satisfied with your products, their functionalities and the finished quality of the construction and build.

## WARRANTY

We offer comprehensive warranties depending on the project and products supplied but overall, the following are the elements covered within all Tresco warranty lines:

1. LIFETIME WARRANTY on all fixed structural frame components
2. LIFETIME WARRANTY (parts) on all adjustable, sliding, or hinged mechanisms or parts (5 year on labor)
3. FIVE YEAR WARRANTY on all fixed exterior panels and worksurface and associated components
4. FIVE YEAR WARRANTY on all electrical items, including electro-mechanical lifting columns

In the case of shipments of finished products which are received, unloaded and/ or installed by persons other than a Tresco Certified Installer, unless under the direct supervision of a Tresco Certified Installer, the warranty terms shall be null and void.



## 8. POST-INSTALL CARE & MAINTENANCE

At Tresco, we understand that control room consoles are critical to the success of any operation. Therefore, our commitment to our clients and the control room consoles we design and build for them goes beyond project completion.

Our team of project managers, engineers, technicians, and control room experts is always prepared to assist you with any concerns related to your newly installed consoles. Whether you need regular maintenance and cleaning or require changes to your console's location or cable routing due to additional equipment, detailed component information, instructions, and manuals, Tresco is here to help.

We are committed to ensuring that your consoles perform as well twenty years from now as they did on day one.



When it comes to control center consoles optimized for mission critical performance and the ultimate operator comfort.

**CHOOSE TRESKO**