

Commissioning & Activation

Company Introduction

B&A are experts at identifying and mitigating risks, delays, diversions, cancellations, and other unexpected changes that can lead to significant losses for stakeholders. The larger and more complex the facility, the greater the challenge for commissioning/activation teams to meet operational needs effectively. Our dedicated commissioning and activation specialists use proven approaches to enable new or existing facilities to reach peak performance, optimize operations while aligning stakeholder expectations, and provide significant cost savings. Successful activation is assured with our award-winning Systems Facilities Operational Readiness (SFOR) tool.

The SFOR

The Systems Facilities Operations Readiness (SFOR) is an innovative process used to achieve project objectives and activation by aligning project plans, designs, operational goals, and business processes – ultimately ensuring timely project completion. The SFOR's unique approach greatly enhances stakeholder coordination during the Design/Build process. The SFOR helps assess the gaps between operational requirements and plans/designs, and helps identify risks to both operations and the Design/Build team. The SFOR approach will help:



Identify stakeholder needs and assess potential project risks, supporting infrastructure to meet functional operational needs



Ensure new facilities and systems are fully activated on opening day, allowing delivery of quality, on-time high performance work



Ensure stakeholder, project team and end-user's expectations are aligned with design and implementation requirements (which are often challenged in complex systems development projects)



Deliver on-time, on-budget, fully activated projects that will allow to fulfill its mission and benefit current and future passengers and the community as a whole



SFOR Project: The Green Build Program, San Diego International Airport

In 2010, SFOR was approved by Bob Bolton for implementation and installation at the Green Build Program at San Diego International Airport. In implementing the SFOR, it was important to recognize it would cause several operational paradigm shifts. As part of its patented SFOR process, Birdi & Associates, Inc. developed the Concept of Operations—a document outlining approaches to the change brought about in the development of the new \$1.027 billion facilities and systems of the Green Build program—for the SDCRAA. The scope of services included all elements of the airport, including Landside Operations. The following are some of the document’s main areas of focus:

- Parking
- Terminal and Airside Operations
- Business Operations
- Signage
- Security Operations
- Customer Service
- Passenger Processing
- Emergency Preparedness
- External Facilities and Support
- Baggage Handling
- Facilities Management
- Environmental Operations

Deliverables:

The key deliverable was the comprehensive Concept of Operations Document, which included:

The document entails a common analytic framework, identifying and examining key points in the areas of business drivers, current conditions, functional requirements, and risks/assumptions. Aiming to produce a thorough and comprehensive document, this model was applied to a total of 64 different elements dealing with systems, facilities, and operations.

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62 Airport Operation Elements
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36 Process Diagrams
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41 Engineering Overlay Designs
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Identified gaps between existing and required Green Building Conditions
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Identified 600+ risks to the project.

