

Bharat Diamond Bourse-Security Operations Control Center



CSA Partners Ltd.
Architects & Urban Designers



Top: Proposed SOC room Opening Ceremony
Bottom: Perspective Concept



Context: CSA Partners were invited with three other architects to propose concepts for the creation of a world class Security Operations Control Center for the bourse.

Concept: We provided numerous concepts that focused around the notion of the panopticon. The clients selected our design and we moved forward with an idea of a faceted glass ceiling working of the motif of a diamond.

The spatial volume provided by the clients was extremely tight and our job was further complicated by extensive needs of MEP, and data storage requirements of this center. We worked out sight lines both in the horizontal and vertical plane in a truly compact space, ensuring that our angles were equal to or better than auditorium sight lines.

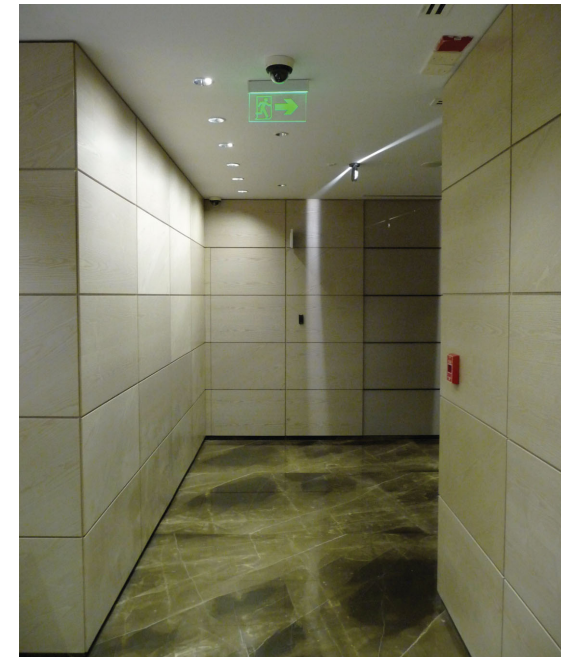
We integrated the furniture to become part of the space with detailed 3D modelling and quasi fabrication drawings as part of our design package. Our design ensured that individual monitors were protected from glare and occupants privacy was maintained. The ceiling was designed to be illuminated with an LED mesh integrated 6" above the plane of the glass.

Project Data:

Building type
Corporate-Security Operations Control
Sustainability/LEED

Location
Mumbai India
Site Area
6,500sft
Project Area
same
Client
Bharat Diamond Bourse
Completion Year
Completed June 2016
Construction Cost
\$850,000 in 2016

Bharat Diamond Bourse-Security Operations Control Center



Top: View of in progress SOC room
Top+ Bot. R: View of lobby and corridor to SOC room

Team
Cyrus Subawalla-Principal
Sangwan Seo-Associate
Faquih & Associates-Architect of Record