



CORESITE SV-7 DATA CENTER

PROJECT NARRATIVE

This 230,000 ft² data center in Santa Clara, CA was erected in just 15 days. The structure is part of CoreSite's 618,000 ft² campus at Coronado Drive and Stender Way.

CONX SOLUTIONS

The ConXL System addressed CoreSite's need for a robust, long-span steel data center frame delivered cost-effectively and with increased speed to market. Although the ConXL System was utilized in the main frame of the structure, the ConXR System was also used on the roof to support cooling towers and for framing the canopy located in the building's lobby. The structure also features a louver support frame using our elevator guide rail and roof screen details. The 90-foot columns were fabricated, shipped and erected at full-height which is both more time and cost effective. ConXL's inherent lack of shear walls and bracing allow for a fully open and reconfigurable floor plan which provides ultimate flexibility for mechanical system routing and future upgrades.

PROJECT DATA

Square Footage	230,000 ft ²
Steel Assembly Duration	15 Days
Number of Collars	260
Bay Spacing	30'-4" x 31"
Structure Weight	2,046 tons; 17 lbs./ft ²



STAKEHOLDERS

Owner	CoreSite
Architect	DCM
Engineer	FBA Engineers
Contractor	MATT Construction
Steel Fabricator	ConXtech Manufacturing
Steel Erector	ConXtech Construction
ConXtech Scope	Structural Steel, Stairs, Metal Decking



CONTACT US

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