



## Coresite SV-7 Data Center

### PROJECT NARRATIVE

This 230,000 ft<sup>2</sup> data center in Santa Clara, CA was erected in just 15 days. The structure is part of CoreSite’s 618,000 ft<sup>2</sup> 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

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

### STAKEHOLDERS

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

