

# Case Study: Rack and Overhead Installation for Edge Data Center

## Objective

The customer, an edge data center, needed a reliable professional services company to ensure its white space was ready in two weeks.

The infographic is a vertical stack of colored boxes with white and blue text. At the top right is the Mirapath logo and tagline. Below is a grey box with 'CASE STUDY' in blue and 'Rack and Overhead Installation' in black. A blue box follows with a people icon, 'CUSTOMER', and 'Edge Data Center'. A grey box contains 'OBJECTIVE' and 'Complete 200+ rack and ladder installation'. Below that is a table with 'SCOPE OF WORK' in the first column, and two columns of work items: '- 2-Tier Ladder Rack' and '- Fiber Tray' in the second, and '- Split Brush Grommet' and '- Anchored Racks' in the third. A dark grey box lists 'CHALLENGES' with two bullet points and a presentation icon. The final light grey box lists 'RESULTS' with two bullet points and a clipboard icon.

<b>mirapath</b> Data Center, Lab & IT Infrastructure		
<b>CASE STUDY</b>	Rack and Overhead Installation	
	<b>CUSTOMER</b>	Edge Data Center
<b>OBJECTIVE</b>	Complete 200+ rack and ladder installation	
<b>SCOPE OF WORK</b>	- 2-Tier Ladder Rack	- Split Brush Grommet
	- Fiber Tray	- Anchored Racks
<b>CHALLENGES</b>		
- Extremely tight schedule of 2 weeks		
- Site was still under construction		
	<b>RESULTS</b>	
- Completed the project on time and on budget without change orders		
- Customer engaged Mirapath for additional projects afterwards		

## Scope of Work

The Mirapath Project Management Team specified and procured all the materials including 200+ racks, 400+ PDUs, 2-tier ladder rack, and fiber tray. Professional Services included:

- Seismically anchor, bay, level, and ground the racks onto the raised floor
- Install two tiers of ladder rack and fiber runners overhead
- Cut out and install 8"x 8" split brush grommet for each cabinet
- Anchor racks at 4 points via threaded rod and unistrut
- Work with the General Contractor for all necessary permits

## Challenges

- Extremely tight schedule of procuring and delivering 200+ racks and 400+ PDUs
- The site was still under construction

## Results

Mirapath delivered the project on schedule, within budget without change orders. Shortly after this project's completion, the customer engaged Mirapath for additional projects.