






# Connected Infrastructure - Benefits for Your Job!



Connected Infrastructure delivers new synergies by identifying five critical areas for data center efficiency and reducing operating expenses. This approach aligns strongly with the real-world issues and management challenges that face nearly every data center – and delivers real-world benefits within five key areas of data center operations.

CONNECTED INFRASTRUCTURE	CHIEF INFORMATION OFFICER	DATA CENTER OPERATIONS	DATA CENTER NETWORK TEAM	FACILITIES
 <b>Performance</b>	<ul style="list-style-type: none"> <li>Improve uptime and availability with improved cable management</li> <li>Eliminate downtime caused by physical infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Guarantee performance through improved cable management</li> <li>Increase throughput from existing data center network</li> </ul>	<ul style="list-style-type: none"> <li>Meet loss budget with low loss fiber components</li> <li>Add performance “Headroom” for copper</li> </ul>	<ul style="list-style-type: none"> <li>Improve reliability of power and connectivity in the data center</li> <li>Deliver improved performance from existing networks</li> </ul>
 <b>Time</b>	<ul style="list-style-type: none"> <li>Cut time for data center changes, gain agility</li> <li>Free up resources with efficient moves, adds and changes</li> </ul>	<ul style="list-style-type: none"> <li>Make moves/adds/ changes much faster</li> <li>Deploy new hardware quicker</li> </ul>	<ul style="list-style-type: none"> <li>Provide scalability with close coupled cooling</li> <li>Save time with improved cable management to eliminate re-routing cables</li> </ul>	<ul style="list-style-type: none"> <li>Reduce installation time with integrated cable solutions</li> <li>Provide ease of maintenance and quick repair time</li> </ul>
 <b>Space</b>	<ul style="list-style-type: none"> <li>Optimize data center space to reduce CAPEX</li> <li>Deliver better ROI per square foot</li> </ul>	<ul style="list-style-type: none"> <li>Support higher density and flexibility with multi-media patch panels</li> <li>Use overhead cable management to open RUs</li> </ul>	<ul style="list-style-type: none"> <li>Increase density with smaller OD cables</li> <li>Support equipment changes without altering physical infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Increase device density to extend the life of the data center</li> <li>Eliminate costly changes to the data center facility</li> </ul>
 <b>Experience</b>	<ul style="list-style-type: none"> <li>Manage global projects with one vendor</li> <li>Provide high level expertise for no additional cost</li> </ul>	<ul style="list-style-type: none"> <li>Manage global delivery of all products on your schedule with a single contact</li> <li>Utilize Legrand project guides that document proven best practices</li> </ul>	<ul style="list-style-type: none"> <li>Work with experts to collaborate on network design</li> <li>Share engineering expertise to optimize new cable routing</li> </ul>	<ul style="list-style-type: none"> <li>Provide one person to manage the entire project across all geographies</li> <li>Leverage expertise in data center and facilities demands</li> </ul>
 <b>Sustainability</b>	<ul style="list-style-type: none"> <li>Deliver solutions that provide LEED points</li> <li>Control OPEX with efficient cooling</li> </ul>	<ul style="list-style-type: none"> <li>Deliver solutions that are RoHS compliant</li> <li>Reduce energy use with close coupled cooling</li> </ul>	<ul style="list-style-type: none"> <li>Benefit from reduction of packaging materials</li> <li>Improved cable routing improves air flow, reducing cooling costs</li> </ul>	<ul style="list-style-type: none"> <li>Provide solutions that contribute to LEED points</li> <li>Benefit from Legrand’s corporate commitment to sustainability</li> </ul>