OSAKA DATA CENTER CAMPUS OVERVIEW

Vantage expands to Asia Pacific with new Osaka, Japan, campus.

FEATURES

• 12-acre (5 hectares) campus
• 48MW of critical IT load
• Two planned, four-story data centers
• 485,000 SF (45,000 M²) of space
• 325W/SF (3.5kW/M²) average density
• Class A building amenities including office, conference rooms, break rooms and more

SPECIFICATIONS

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<th>Description</th>
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<tbody>
<tr>
<td>POWER</td>
<td>48MW of critical IT load</td>
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<tr>
<td>POWER DENSITY</td>
<td>Up to 325W/SF</td>
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<tr>
<td>DATA CENTER SIZE</td>
<td>485,000 SF</td>
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AMENITIES

• Dedicated offices and workspaces customizable to your needs
• Secure storage with easy access between data modules
• Multiple conference rooms and meeting spaces throughout the campus
• Easy access to Kansai International Airport (76 kilometers)

POWER

• N+1 substation at 77KV on campus
• Power provided by KEPCO
• Multiple, diverse power feeds supporting the campus
• 415/240V power distribution
• All systems 100% concurrently maintainable

COOLING

• N+1 overall, N+2 component-level redundancy across mechanical systems
• Computer Room Air Handling (CRAH) units located in two galleries on opposite sides of each data module allow for highly efficient airflow distribution
• Closed-loop chilled water system with air-side economizers
• Water Utilization Efficiency (WUE) is near zero (liters/kW/hr) using the latest cooling design

CONNECTIVITY

• Two Meet-Me-Rooms (MMRs) for each data center on campus, allowing for diverse paths and multiple connectivity options
• Three points-of-entry (POEs) for the campus ensuring maximum path diversity for inbound carriers
• Diverse fiber pathways into the campus (minimum 2 paths per carrier)

SECURITY

• On-site security operations center with patrols 24x7x365
• CCTV on all access control points throughout the entire campus
• Dual authentication for customer and critical infrastructure areas
• Visitor management system with controlled and monitored access points and stringent access control policy