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DataQuestCx.com

Dataquest Commissioning Skills and Experience

At DataQuest Commissioning, we combine deep technical expertise with extensive international experience to deliver tailored solutions for complex data center projects.

From optimizing workflows to developing repeatable commissioning standards, our team consistently turns bottlenecks into breakthroughs, ensuring reliability, schedule integrity, and cost efficiency for our clients worldwide. Key skills our commissioning agents bring to the table include:

- **Data Center Commissioning:** Full lifecycle commissioning (L0–L6) for hyperscale, enterprise, JIT, WMW, OPT-DC, and colocation environments across multiple continents.
- **Electrical Systems Expertise:** EPMS, UPS systems, generators, ATS, switchgear, distribution gear; energization, thermographic inspections, busduct continuity, functional verification, and insulation resistance testing.
- **Mechanical Systems Expertise:** HVAC systems, CRAHUs, AHUs, chillers, humidity control, make-up water systems, evaporative cooling, and advanced fan wall technologies.
- **Systems Integration & Functional Testing:** End-to-end validation of mission-critical infrastructure, including optimized energy efficiency and debottlenecking complex system interactions.
- **Test Documentation & Issue Resolution:** Development and review of commissioning scripts, troubleshooting, corrective action tracking, and preemptive commissioning plans.
- **High-Security & First-of-a-Kind Deployments:** Specialized support for confidential and experimental systems under strict compliance requirements.

A blurred background image of a server room, showing rows of server racks with glowing blue lights. Overlaid on this image is the text 'Your Path to Zero Downtime Operations' in a large, white, sans-serif font.

Your Path to Zero Downtime
Operations



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Our commissioning agents have years of experience and, using the skills above, apply them to numerous projects worldwide. A select sample of these includes:

Client / Facility	Scope of Work
 	<p>Project: SBN101 & SBN 100 Campus Location: Southbend, Indiana, USA</p> <p>Scope of work revolved around insulation verification from protocol development to insulation resistance testing via. thermographic inspection.</p>
 	<p>Project: CMH081 and CMH094 Campus Location: Columbus, Ohio, USA</p> <p>Scope of work includes load bank testing, electrical continuity testing, PCL logic testing.</p>
 	<p>Project: FRA086 / FRA091 Location: Offenbach, Germany</p> <p>Scope of work forced on MV intake via on-site substation, UPS/Gens, BMS/EPMS integration, IST witness.</p>
	<p>Project: MXP080 (MIL02) Location: Milan, Italy</p> <p>Scope of work revolved around dedicated HV intake, MV/LV, UPS/Gens, EPMS/BMS and mechanical chiller units.</p>
 	<p>Project: ATL01 1 & ATL01 2 Location: Atlanta, Georgia, USA</p> <p>Scope of work focused on waterless campus cooling, N+1 UPS & Generators, EPMS/BMS, White space.</p>
 	<p>Project: DX-1 Location: Hammond, Indiana, USA</p> <p>Scope of work: Commissioned L3–L5 for a 10MW Phase 1 COLO facility.</p>

	<p>Project: SLC01 Location: Salt Lake City, Utah, USA</p> <p>Scope of work: Responsible BMS ISTs of cooling systems, humidity control system, make up water systems, cactus chillers, P-Sync Fan Walls, and Delta Cubes.</p>
	<p>Project: San Antonio Campus Expansions Location: San Antonio, Texas, USA</p> <p>Scope of work: Project kickoff for colocation and lease areas of multiple buildings on campus that are over 50MW each.</p>
	<p>Project: Multiple DC Expansions Location: Various Locations in Mississippi, Alabama & Oregon USA</p> <p>Scope of work: Various support for both MCx and ECx scopes at various stages of completion.</p>
	<p>Project: Landmark DC Location: Phoenix, Arizona, USA</p> <p>Scope of work: Commissioning of the building automation system during multiple expansion projects, including BMS and sequence upgrades, CRAC units, reverse osmosis water purification unit, evaporative cooling, and point of presence modifications.</p>
	<p>Project: Sandy DC Location: South Jordan, Utah, USA</p> <p>Scope of work: L4-L6 commissioning of building automation and mechanical commissioning on a legacy data center, cloud computing centers, including free-cooling and evaporative cooling systems, mechanical controls, and make-up water systems.</p>
	<p>Project: Various DCs Location: Brussels, Belgium</p> <p>Scope of work: Mechanical Commissioning including development, commissioning test script creation, factory acceptance testing, performing pre-functional and functional testing.</p>