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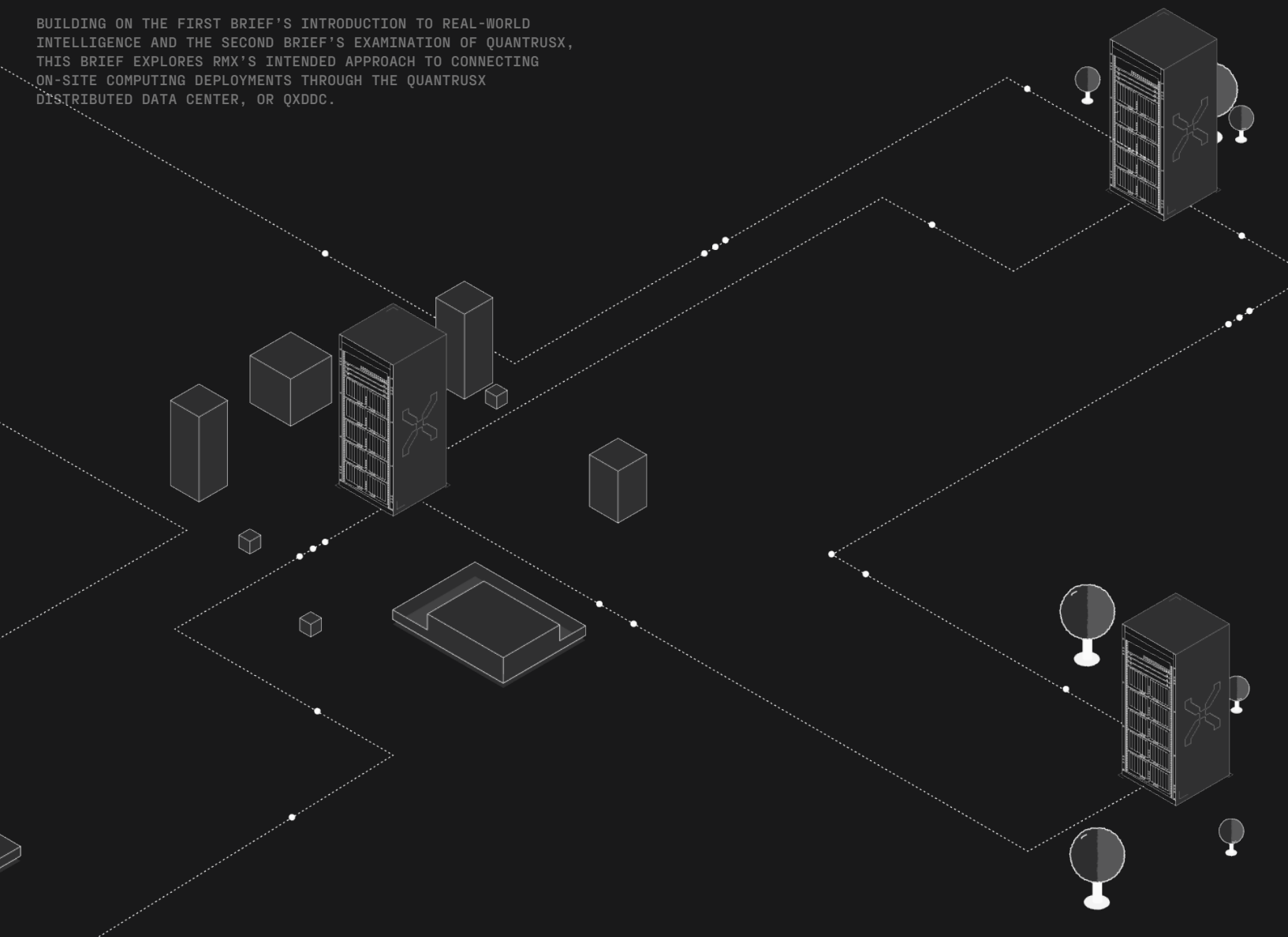
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QXDDC: REAL-WORLD INTELLIGENCE, CONNECTED ACROSS THE PHYSICAL WORLD.

FOR OPERATORS, PARTNERS, AND CAPITAL-MARKETS READERS.

BUILDING ON THE FIRST BRIEF'S INTRODUCTION TO REAL-WORLD INTELLIGENCE AND THE SECOND BRIEF'S EXAMINATION OF QUANTRUSX, THIS BRIEF EXPLORES RMX'S INTENDED APPROACH TO CONNECTING ON-SITE COMPUTING DEPLOYMENTS THROUGH THE QUANTRUSX DISTRIBUTED DATA CENTER, OR QXDDC.



A facility needs intelligence that can work within its own operating environment, close to the activity it interprets and the people responsible for responding. As that approach extends across more locations, the question becomes how those deployments can form part of a wider architecture without losing the local processing, context, and control that make them useful at each site.

QXDDC describes RMX's intended answer: a company-operated intelligence fabric formed by connected QuantrusX nodes. Each node serves the facility where it is installed, while the connections between nodes are intended to bring those deployments into a distributed computing architecture. The starting point remains the operation at each site, with the wider fabric developed around that local purpose.

BUILDING FROM THE INFRASTRUCTURE AT EACH SITE

Part two described the QuantrusX node as the computing hardware installed at a customer's facility, where camera activity is detected and interpreted for operator review. That hardware gives intelligence a place inside the operation, allowing video to be processed near the cameras that produce it rather than routed to a remote cloud service for interpretation.

The QXDDC approach builds from this deployment model. As QuantrusX reaches additional facilities, the intended architecture would connect computing resources already serving those environments, rather than make a single central facility the destination for their video processing. Growth would therefore be tied to the deployment of intelligence within working sites, with each location providing a local operating foundation for the wider fabric.

WHAT MAKES THE DATA CENTER DISTRIBUTED

The term Distributed Data Center describes how RMX intends to organize the computing infrastructure behind that fabric. Instead of concentrating the architecture at one location, QXDDC would connect nodes across the physical environments they serve. The nodes are peers within the design, rather than remote collection points feeding a larger central node.

That distinction matters because the local deployment has a purpose of its own. A node supports the people running its facility, with information interpreted in the context of that environment. Connecting it to other nodes is intended to extend the architecture around that function, not move the function away from the site or make local response decisions the responsibility of a central system.

The intelligence fabric describes the relationships between these deployments; QXDDC describes the distributed computing architecture they are intended to form. They are two ways of explaining the same direction, with QuantrusX remaining the intelligence that an operator encounters in the daily work of running a facility.

KEEPING LOCAL CONTROL WITHIN A CONNECTED ARCHITECTURE

Connecting deployments raises questions about what information moves between them, who can access it, and how the boundaries of each customer's operation are maintained. Those questions belong in the architecture from the outset, because the value of a wider fabric depends on preserving the trust established at each site.

QuantrusX provides the local foundation described in part two: video recording and interpretation remain on the premises, while event records, snapshots, and descriptions support an operator-led response. QXDDC is intended to build on that separation between local processing and the information needed beyond it. A connection between nodes should not be read as unrestricted access to another facility's footage or permission to combine customer data.

The development of the fabric would need to define the information exchanged, the permissions governing that exchange, and the responsibilities retained at each site. Local processing supports data sovereignty, while access controls and customer agreements would govern participation in the wider architecture. Response authority would remain with the people responsible for the operation.

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GROWTH GROUNDED IN OPERATING FACILITIES

For operators, the first measure of value remains what QuantrusX contributes at their own facility. Useful incident context, effective review, and informed response matter before any broader architectural benefit. A connected deployment should strengthen that operating relationship rather than require the customer to accept a wider infrastructure proposition in place of a practical result. For RMX, the opportunity is to develop a distributed foundation as its on-site business expands.

Additional deployments would place computing infrastructure in more operating environments, creating the basis for a wider intelligence fabric. The scale and usefulness of that fabric would depend on customer adoption, technical integration, and the requirements of the sites involved, rather than the number of nodes alone.

THE WIDER BUSINESS

QXDDC extends the relationship between RMX's intelligence business and the infrastructure through which it is delivered. It describes an architectural direction, not a separate product or an announcement of pooled computing capacity available for sale. Its development would build on QuantrusX deployments and the work required to connect them responsibly.

The three briefs describe a connected progression. Real-World Intelligence is RMX's name for intelligence built at the physical edge; QuantrusX brings it into the customer's operation; and QXDDC is the intended architecture connecting those deployments. The ambition is to extend intelligence across more of the physical world while keeping its processing close to the places, people, and decisions it serves.

RMX: Intelligence where the world happens.

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