

WORKLOAD PLACEMENT: INTERCONNECTION STRATEGY

Data Centre Consulting Services Brief

Executive Summary

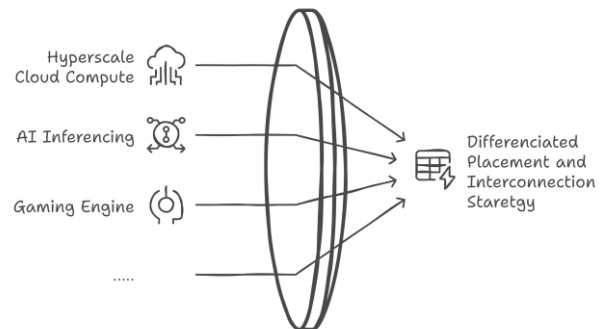
In today's increasingly interconnected digital landscape, selecting the right interconnection strategy is critical to optimizing workload placement across data centres.

Grezya's Interconnection Strategy service provides a structured, data-driven approach to assessing, designing, and implementing network interconnection solutions that enhance workload performance, scalability, and cost efficiency.

Data Archiving doesn't need to in a data centre ensuring near-real time response. On the opposite side, AI inferencing needs a well connected data centre, able to serve a relatively large market, low latency and good computing power and capacity.

By leveraging deep expertise and market insights, we guide enterprises, hyperscalers, and colocation providers in making informed decisions on how and where to interconnect their workloads.

Workload Placement



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Introduction: Industry Context and Client Needs

Not all data centres and data centre locations are equal when it comes to interconnection options.

Network topology, carrier availability, proximity to internet exchanges, cloud on-ramps, and latency requirements all play a crucial role in determining the optimal placement for workloads.

Grezya helps clients navigate these complexities, ensuring that workloads meet the right data centre capacity or, in an investment case, the new data centre is designed with a clear workload strategy.

Who We Are and How We Differentiate

Grezya is a leading consultancy specializing in interconnection strategies for the data centre industry.

Our deep understanding of network ecosystems, peering strategies, and workload optimization allows us to provide tailored solutions that align with business objectives.

Unlike traditional consultants, we integrate market intelligence with a client-centric approach, ensuring that interconnection choices maximize performance while maintaining cost efficiency.

Service Framework and Approach

Grezya's Interconnection Strategy service follows a phased approach to ensure optimal workload placement decisions.

Phase 1: Interconnection Assessment

We conduct a thorough evaluation of existing and potential interconnection points, considering factors such as carrier diversity, latency, redundancy, and cost structures.

Our proprietary assessment framework identifies the most strategic network hubs that align with the client's workload distribution.

Phase 2: Workload Business Requirements Analysis

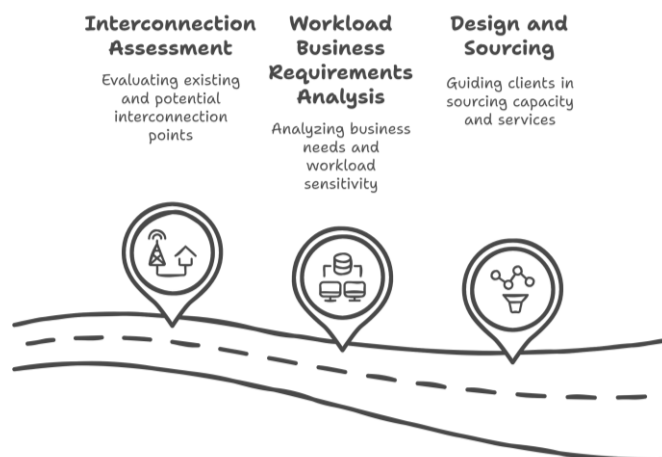
We analyse business needs and workload sensitivity to network performance.

This includes assessing application-specific dependencies, data gravity considerations, and compliance requirements to determine the most efficient and resilient interconnection strategy.

Phase 3: Design and Sourcing

Leveraging our expertise in RFP development, we guide clients in sourcing capacity and interconnection services that align with their business and operational needs.

We ensure levelling of pricing comparison, service level agreements (SLAs), and network topology alignment with workload placement strategies.



Financial and Operational Impact

By optimizing interconnection strategy, businesses can significantly reduce network costs, enhance application performance, and improve overall workload resilience.

Our structured methodology ensures that clients achieve the best balance of cost, performance, and flexibility.

Risk Management and Compliance

Interconnection decisions have far-reaching implications on security, redundancy, and regulatory compliance.

Grezya ensures that all interconnection strategies adhere to industry best practices, mitigating risks related to network failures, data sovereignty, and regulatory requirements.

Real-World Application and Case Studies

In Northern Europe we supported a submarine cable operator to define its land interconnection strategy to meet the right workloads and maximise the infrastructure investment.

For a data new centre operator we turned around the interconnection design by observing the discrepancy in connectivity needs from the original design and the hosted workloads.

Call to Action

Interconnection is the backbone of modern workload placement strategies. Grezya's expertise in network assessment, design, and sourcing ensures that your business achieves optimal connectivity solutions for sustained growth.

Contact us today to explore how Grezya can enhance your interconnection strategy and unlock the full potential of your workload placement initiatives.