

OcientAIQ for Compliance and Lawful Response

The mandate doesn't change. The cost of meeting it shouldn't keep climbing.

THE PROBLEM

Retaining and disclosing call detail records (CDR) and internet connection records (ICR) to law enforcement is mandatory and generates no revenue, so it's chronically underfunded — even as data volume climbs 100x with 5G and industry consolidation. Every year the same obligation costs more to meet, on a budget that isn't growing to match it. Legacy Elastic, Hadoop, and home-grown platforms are falling behind on SLAs at today's scale: every disclosure request turns into a race against the clock, and every retention window or volume jump adds more racks and headcount to a line that was never funded to grow.

OcientAIQ™ for Compliance and Lawful Response collapses ingest, retention, and query into one platform, driving up to a 90% reduction in footprint and 80% lower OpEx versus legacy approaches. It queries CDR and ICR together, at the speed legal teams need, turning that race against the clock into time to verify and rerun a result before it goes back to the requesting authority. On a line item with no revenue case to offset rising costs, that reduction covers the cost of the mandate and leaves you with more than compliance: The same infrastructure that satisfies today's mandate is already AI-ready. A line item you can't avoid becomes a platform investment you don't have to make twice.

Fragmented archive vs. OcientAIQ

The same request, answered two ways. One path awaits an export; the other returns the record.

FRAGMENTED ARCHIVE

- 1 CDR/ICR sits in its own archive, separate from network telemetry and case systems
- 2 A legal or LEA request queues an export, and analysts reconcile it by hand outside the database
- 3 **The SLA clock keeps running**, and a related request starts the process over

O C I E N T A I Q

- 1 Legal sends one governed query, reaching CDR, ICR, and subscriber metadata directly
- 2 CDR and ICR return together, fast enough to verify and rerun before it's sent.
- 3 **On-time, defensible response.** A related request is just a new query against the same governed database.

THE MATH BEHIND THE MANDATE

400x

faster querying
than leading platforms,
seconds on a petabyte

80%

lower OpEx
for a Tier 1 telco, compared
with the alternative

up to 90%

smaller footprint with
>15PB on a single rack

WHAT IT DOES, IN PLAIN TERMS

Keeps full-fidelity records directly queryable across the required retention window

Integrates APIs with existing disclosure workflows to reduce manual handoffs

Enforces role-based access controls and maintains detailed audit logs for security and compliance review

Scales as retention windows grow — without forcing sampling

BUILT TO FIT, NOT REPLACE

OcientAIQ deploys alongside your existing case-management and disclosure workflows, no rip-and-replace

SHARED

Same OcientAIQ foundation as your other use cases, by default

or

ISOLATED

A dedicated engine with no shared data plane, when regulatory walls, jurisdictional boundaries, or tenant separation require it

FITS YOUR STACK

Existing disclosure portals, ticketing, and probe/network-tap vendors plug in directly

OPEN ECOSYSTEM

Works with any AI model; no proprietary lock-in

We'd welcome the opportunity to brief your team.

Bring your own CDR/ICR and network telemetry data.

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