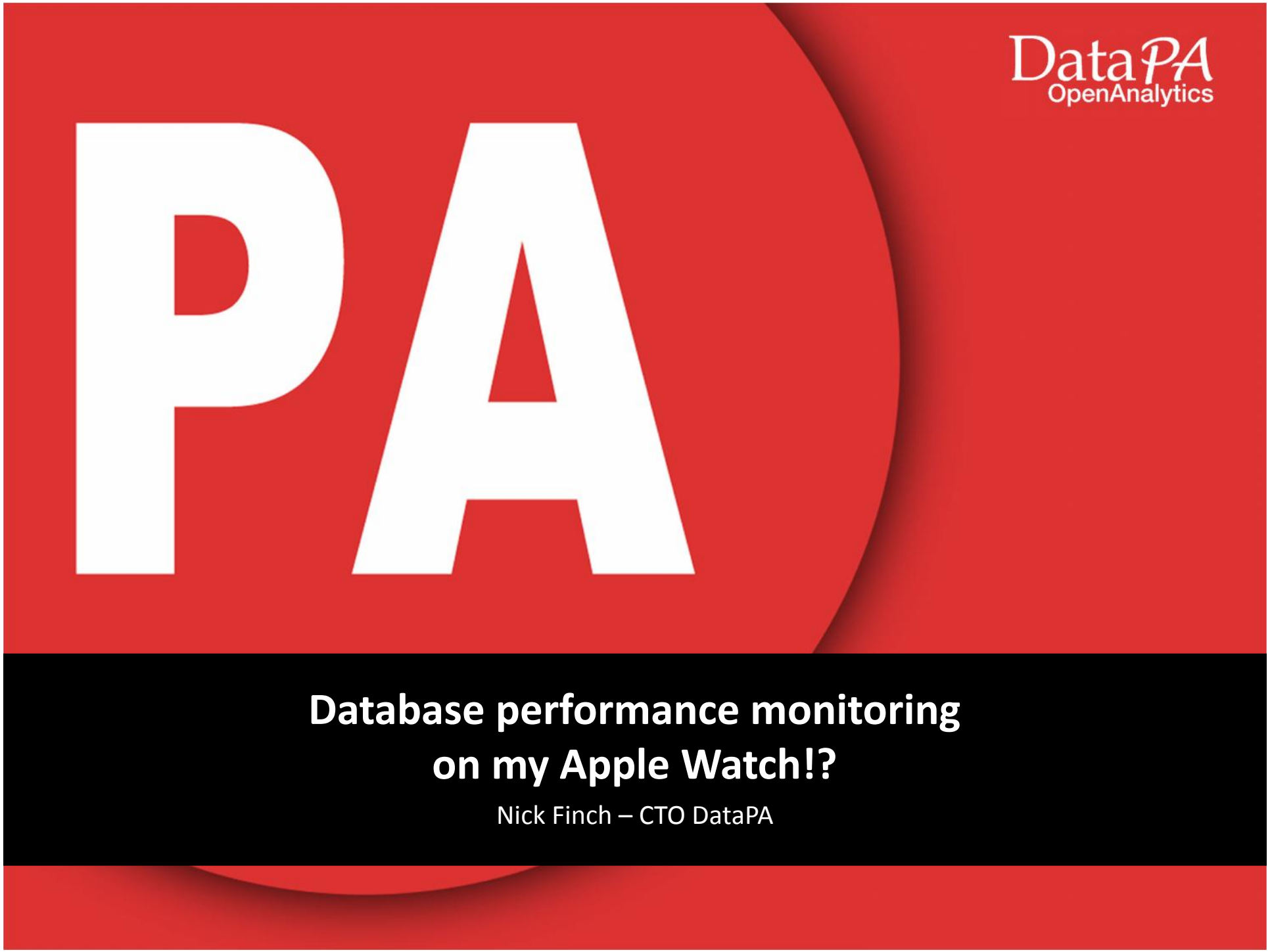



# Database performance monitoring on my Apple Watch!?

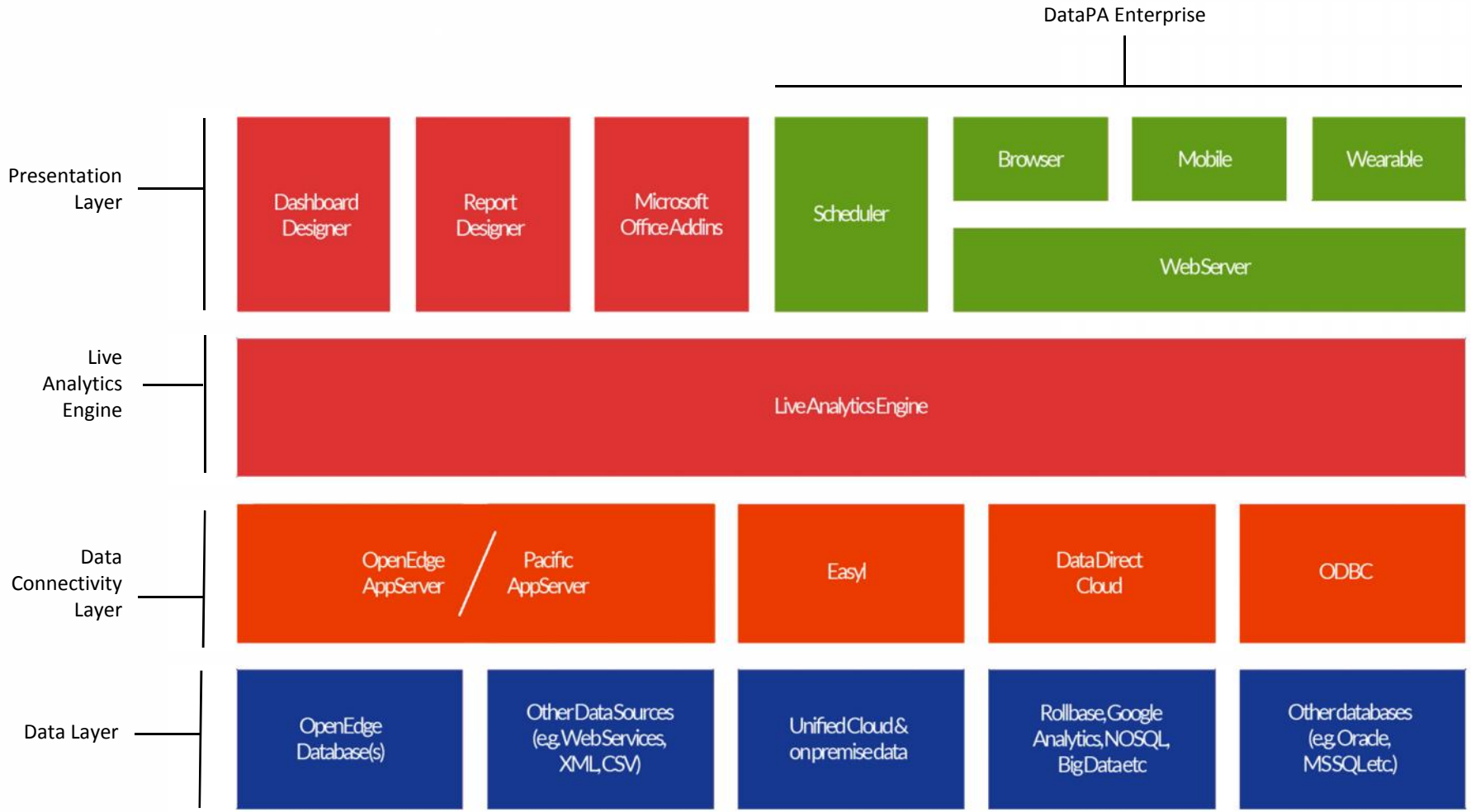
Nick Finch – CTO DataPA

# Introducing DataPA

**The leading provider of live and embedded analytics**
**to the Progress Community**

DataPA
OpenAnalytics

# Introducting DataPA OpenAnalytics

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# Why Database Security and Monitoring?

A simple Environmental Variable switch provides access to VST's. Now we can build dashboards that show;

- Memory Usage
- Schema Area Usage
- Table Locks
- Startup parameters
- Anything you see in PROMON

and publish them to we and mobile devices with a single click

# In the meantime …

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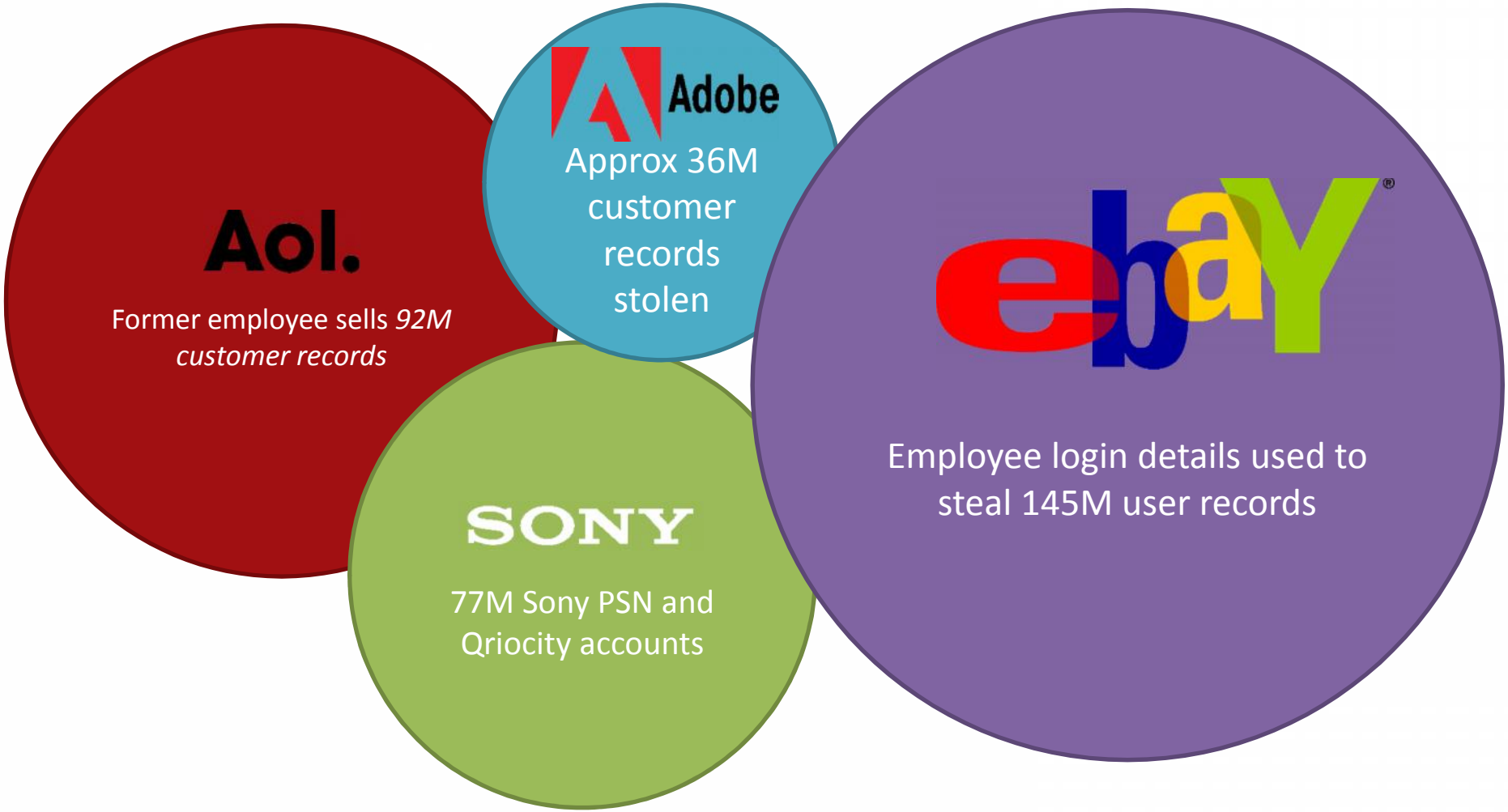
# Why is this relevant to database monitoring?




http://www.informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks/

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# Late last year the story was different

BrowserStack

- 9th November 2014 a Hacker exploits shellshock vulnerability on old prototype server hosted on Amazon Web Services and gains access to AWS API access key
- Using these keys, the hacker whitelists their IP address and opens a config file containing the database password.
- Hacker then begins to copy 500K user records, operation locks the table
- Database monitoring raises an alert, staff see unrecognised IP address and block it before hacker accesses 1% of records

# Be alerted anywhere, any time

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OpenAnalytics

# Be alerted anywhere, any time

Bespoke alerts, created by “citizen developers” in seconds to deliver live intelligence when and where it matters;

- Factory shift manager alerted immediately on factory floor when demand rises significantly
- Retail area manager alerted demand for a particular product rises whilst driving to a large store
- Sales manager alerted whilst in a meeting that sales target has been reached

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# Combining alerts with IoT sources

https://enterprise.datapa.com/DataPA/Dashboard.aspx?ID=1ef23c27-1b2e-4281-9429-9230a4cfabc3

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# Share discoveries with live collaboration

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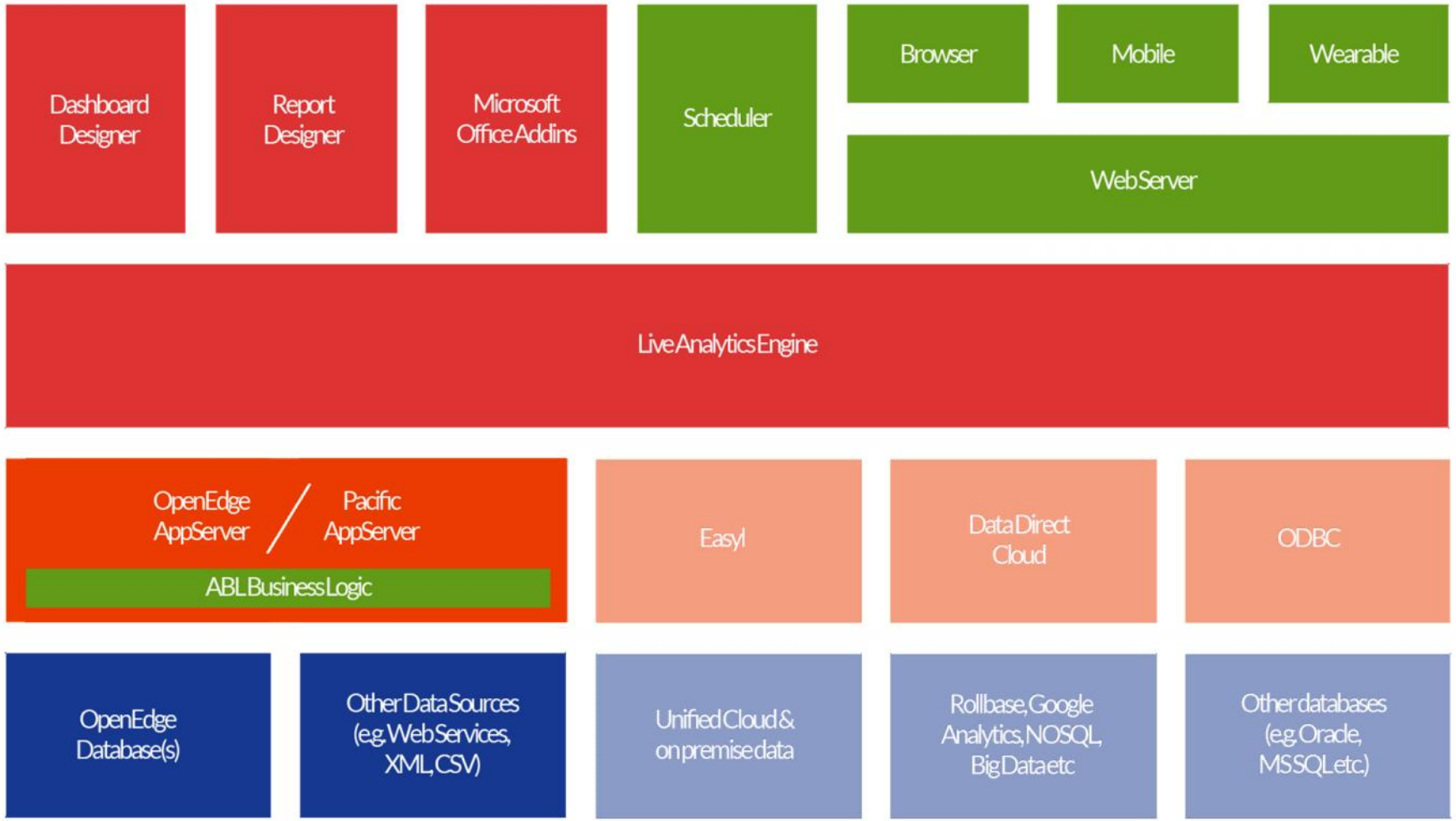
# Build on your existing Investment in OpenEdge

Simplicity, performance and flexibility with native AppServer Connection

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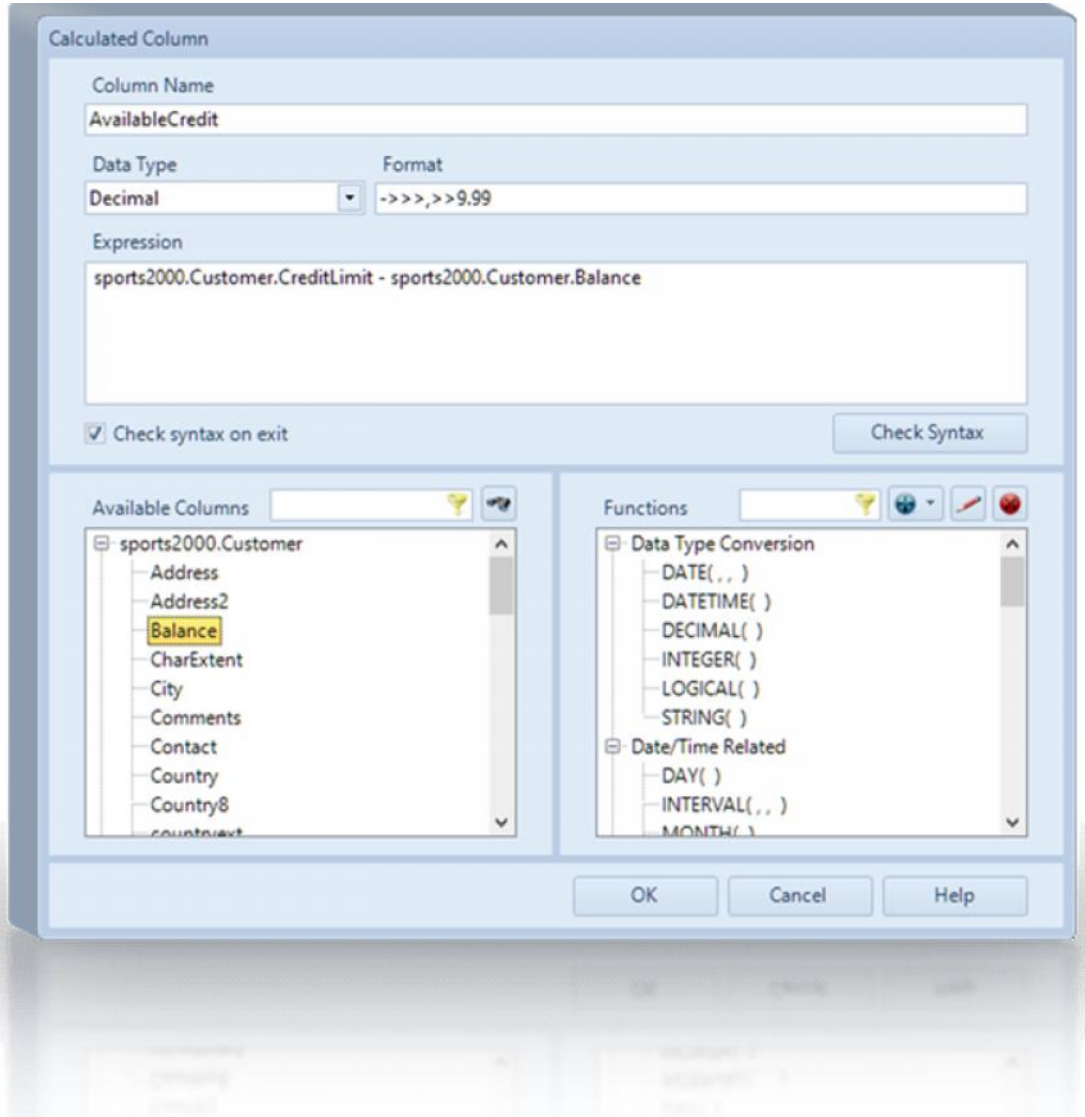
# Build on your existing Investment in OpenEdge

Save time and effort with familiar Progress Syntax throughout

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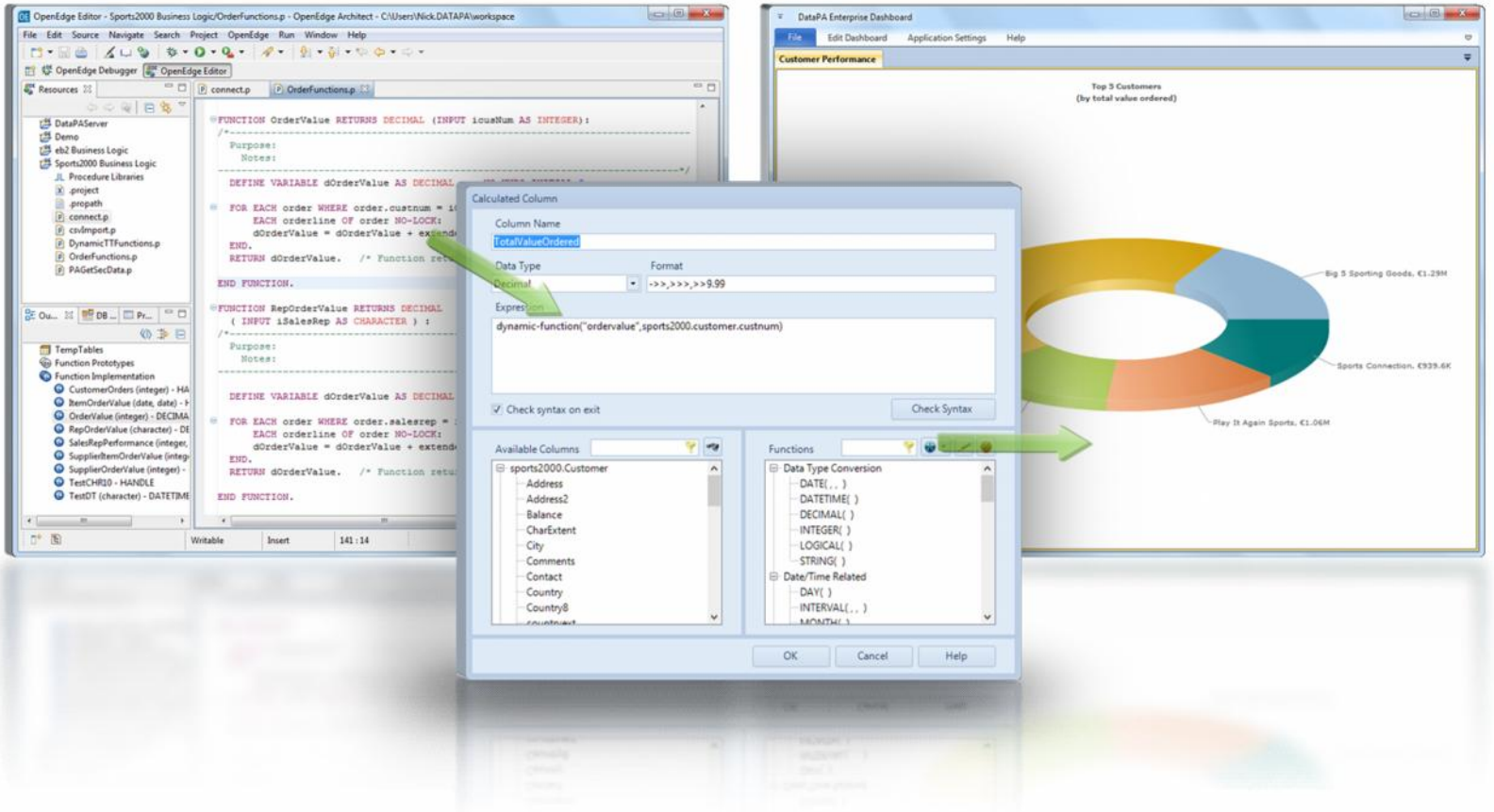
# Build on your existing Investment in OpenEdge

Rapid BI implementation with calculated fields from existing ABL Business Logic

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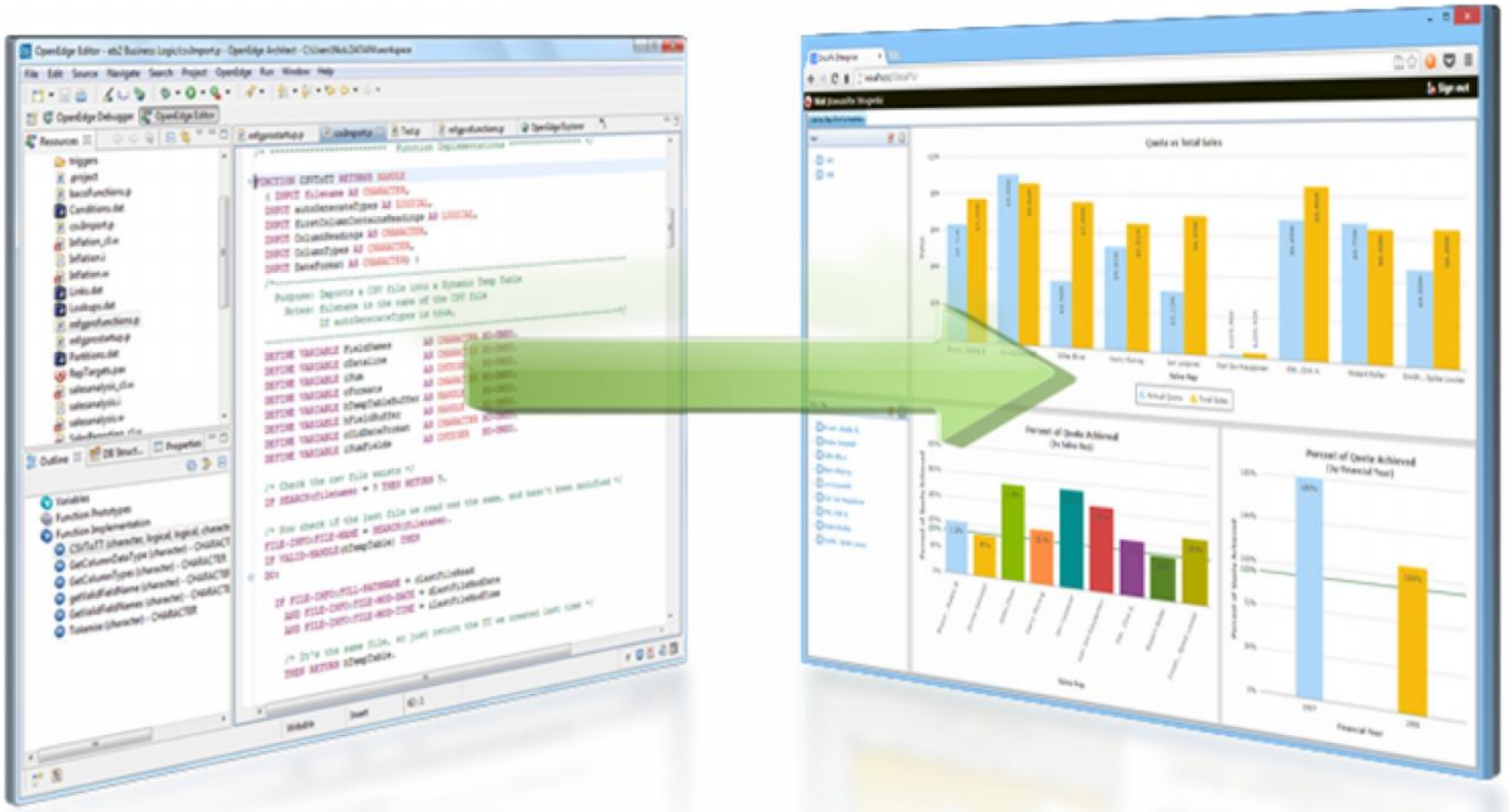
# Build on your existing Investment in OpenEdge

Solve any requirement with BI from ABL generated temp table



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# Embed OpenAnalytics in any Progress Client

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# Questions

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