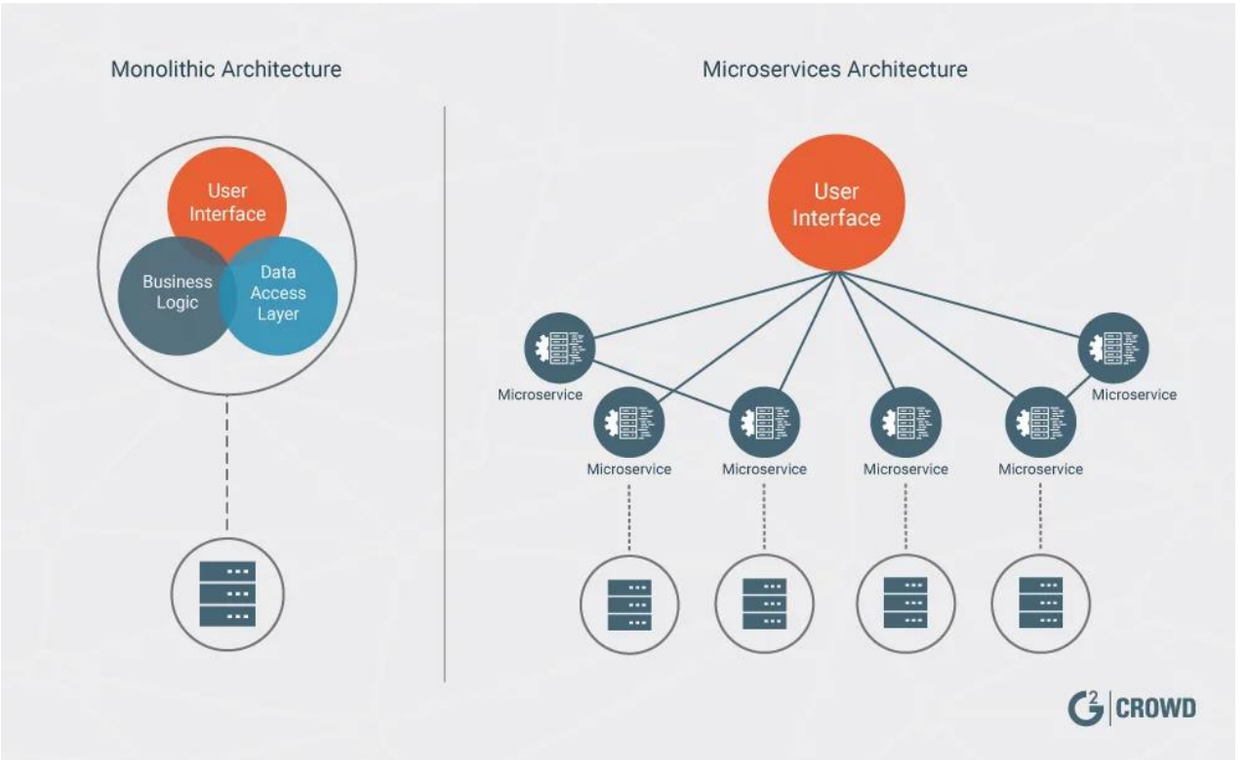
New Technology… Helping you through the turbulence

MicroService Architecture

What is MicroServices Architecture?



What Are MicroServices?

- Separated components for specific tasks
- Each component is self reliant and has defined points of integration
- Can be deployed independently or integrated together
- Clearly defined scope and service layer
- Simple integration layer between components
- **Do one thing and do it well..**

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Who else is using MicroService architecture?

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Why?

- Easier to understand issues
- High **quality** as there is less "surface area" to test
- Better **performance** because services have their own processor so have no impact on core systems performance
- Hardware can be **scaled** just where needed to save cost
- Faster to **evolve**, so they get even better at what they do over time
- **Faster** delivery of software
  - Netflix – Thousands of times per day
  - Amazon – On average every 11.7 seconds
- Pick and choose the services to **Cloud** host
- Ease of **monitoring** with automated tools and alerting systems

How MicroServices can help your platform through turbulence
Reduce **Costs**
Increased **flexibility** to adapt your proposition
Improved **quality** of software and service to customers
Make it easier to **embrace** new regulation…
De-risking Re-platforming & Large Migrations
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How MicroServices can help your platform through turbulence

Where are MicroServices used by platforms today?

- Large scale calculations
  - Monthly adviser & platform fees
  - MIFID II reporting
  - Performance calculations
- Independent reconciliation
  - Asset recs
  - Cash recs
- Data mastering
  - Single source of data throughout enterprise
- Adviser tools
  - Capital gains calculators
  - Performance fees
  - Illustration engines
  - Portfolio modeling

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MIFID II – Ex-Post Costs & Charges Disclosures

- Production annually
- Investment Services Charges & Financial Product Costs
  - Ongoing
  - One off
  - Transaction initiated
  - Ancillary
  - Incidental
- Impact of costs & charges on performance

How can Regulation be an enhancement to the proposition rather than a hinderance…?

Developed as a MicroService which has no impact on core back office technology development

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How MicroServices can help your platform through turbulence

Platforms could improve the presentation of fund charges to consumers and financial advisers at relevant points in the consumer journey, which would strengthen competition between asset managers

1.24 Platforms generally do not appear to show advisers the individual and weighted average fund charges their clients are paying when they view client accounts.

This means that, even if advisers are assessing fund charges from 3rd parties when selecting funds, platforms are not facilitating advisers' ongoing assessment of whether the client is receiving good value for money from their portfolios

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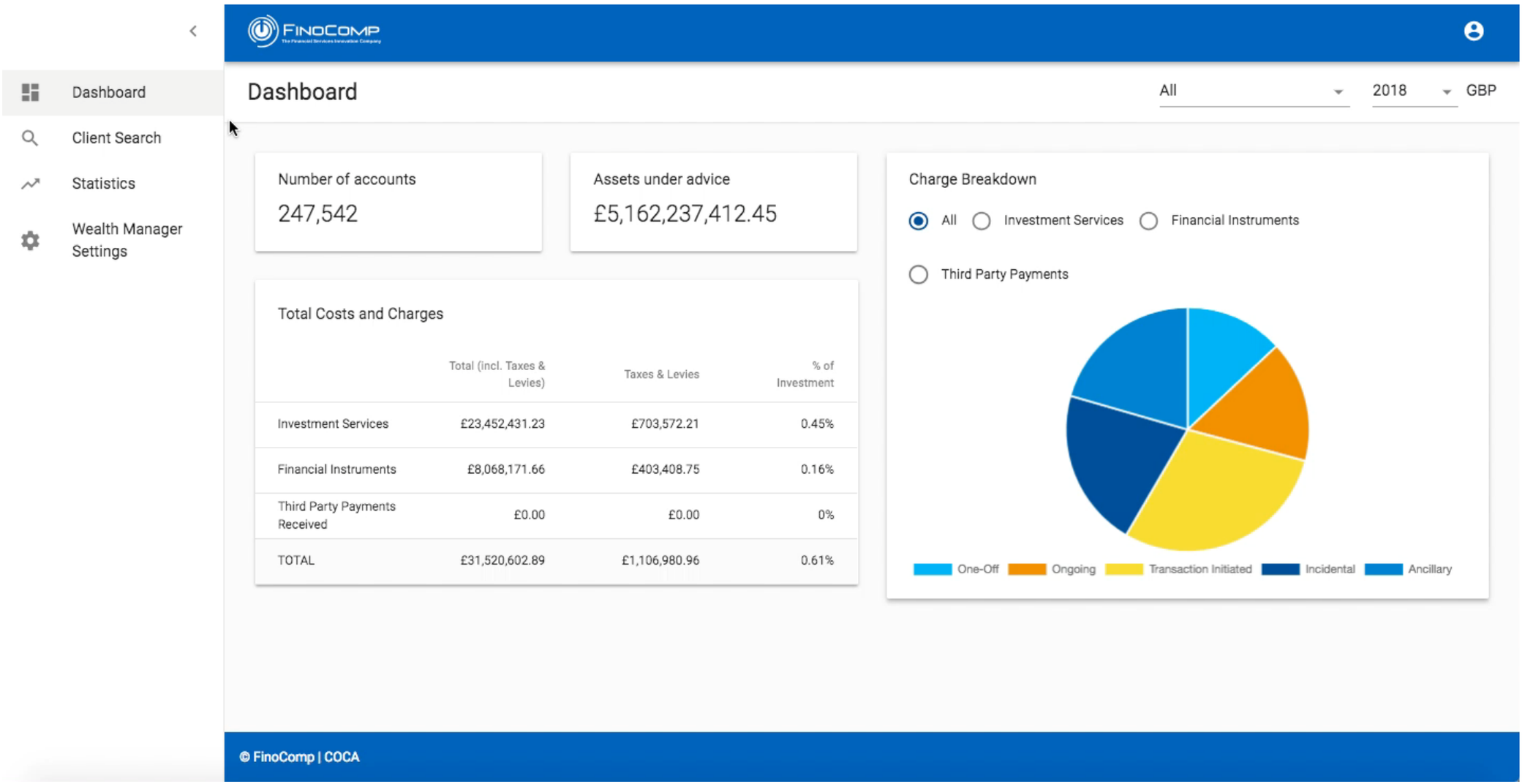
How MicroServices can help your platform through turbulence



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Where will MicroServices be used by platforms in the future...

Core platform technology?

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Who are FinoComp?

A software development company with an **innovative** approach in developing exceptional MicroServices for the wealth management industry.

Combining our deep knowledge of software development and the wealth management industry, our **MicroServices** allow our clients to focus on growing their business, adapting to change and servicing their clients. We design, build and test using cutting edge technology to ensure speed of delivery is combined with market leading quality.

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