



SNAPDATA™

Data and analytics

Amalgamate data from various sources and locations in to one central dashboard.

Powered by Tableau, SnapFulfil's data and analytics tool can manipulate stored information and client data to generate business performance metrics. No need to worry about hosting, SQL Enterprise licensing or analytics engine administration, we manage all of this, and it's all included in a fixed monthly cost.

Features and benefits:

- Analytics & Reporting as a Service (ARaaS)
- Access to live SnapFulfil data via replicated database
- No need to have any DBA knowledge
- Access to SnapFulfil support during business hours
- Access to a number of pre-configured reports, KPI's and a holistic view of the operations inventory and resources
- Visualise your operational KPIs

Key Performance Indicators

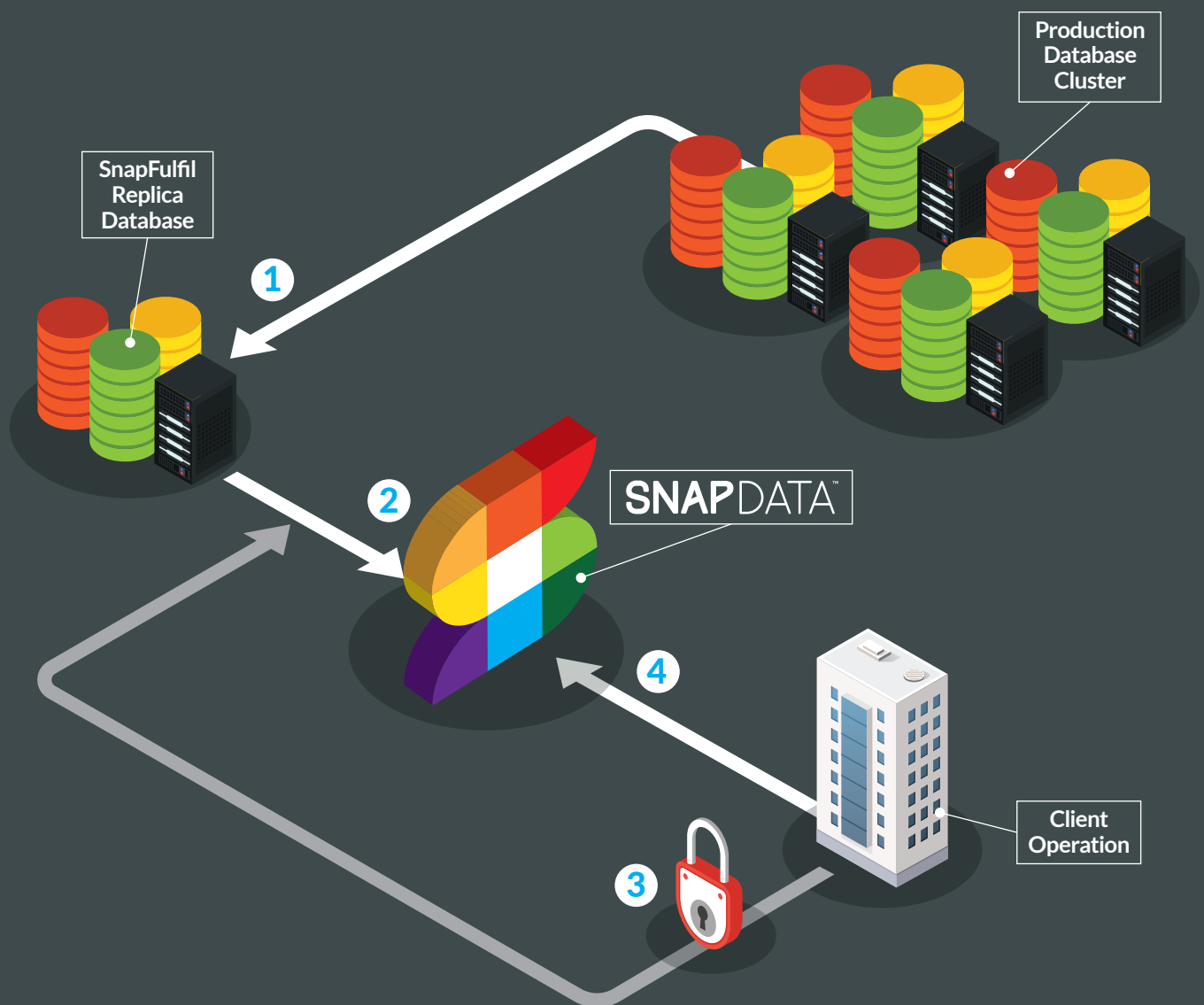
The system can be configured to display a KPI dashboard, giving top level information, such as operational performance, tailored to the needs of senior managers and directors.

The KPI report can then be drilled down into further, granular reports for other managers in the business, such as shipping reports, warehouse heatmaps and picking performance.



SnapData & Replicated Database Data Flows

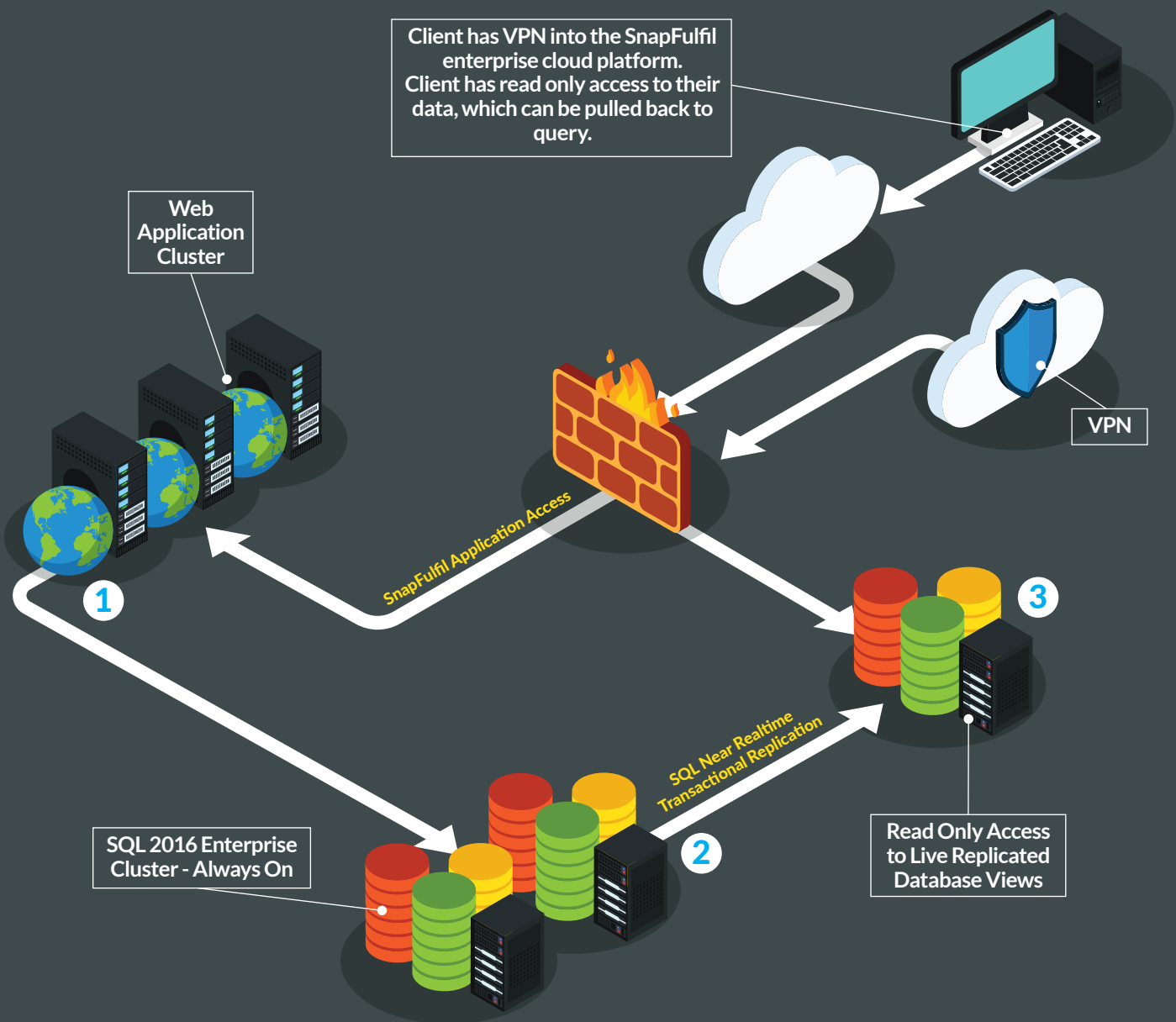
- 1 SnapFulfil Data is replicated in near time to a SnapFulfil replica database located on a separate cluster to the main production cluster.
- 2 SnapData connects to the read-only replica database to provide analytics and reporting dashboards, and KPI's via the presented database views.
- 3 Client can have direct read only database access via a secure VPN connection. This data can be used for client's own consumption such as a Datawarehouse, and is presented by a series of database views.
- 4 Client connects via a SSL connection to SnapData solution to see their reports or produce reports with their own data.



SnapFulfil Cloud Services - Replicated Database

- 1 SnapFulfil data flow between application and database. Data is replicated to secondary node within the same DC and to a node at the DR site.
- 2 SnapFulfil data is replicated to the read only replica database in near realtime.
- 3 SnapFulfil data is made available to be read via a series of database views. The client can connect to the data by means of a SSL VPN and use standard ODBC tools that support client connectivity to MS SQL to access the database such as SSMS or Squirrel SQL.

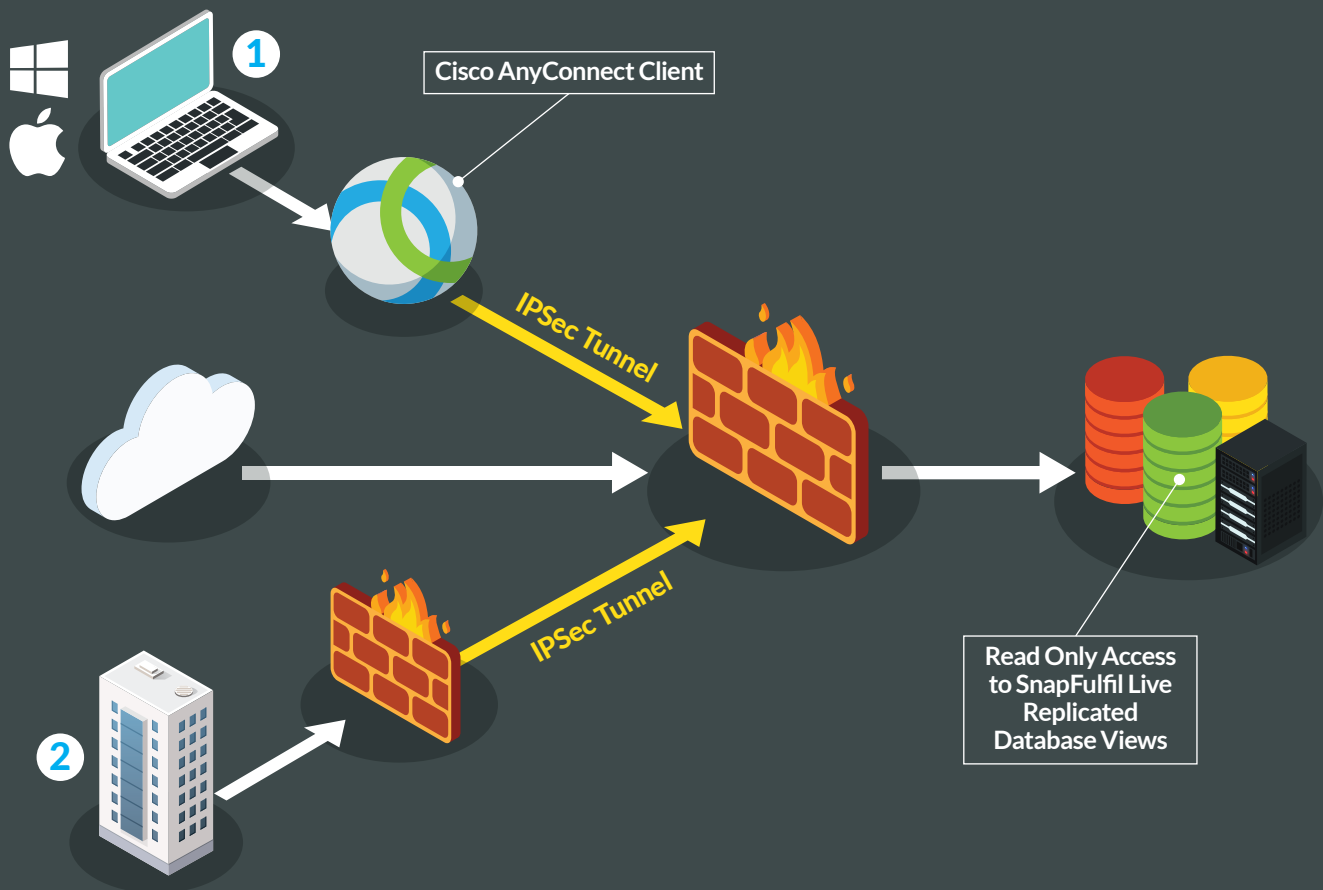
*Please note that the diagrams below are for illustration purposes only and does not indicate the actual number of nodes within the SnapFulfil estate.



Replicated Database VPN Options

1 Client Access VPN:

Client downloads and installs the Cisco AnyConnect Client (Windows & Mac compatible) that is provided by SnapFulfil. Client Remote Access VPN (RAS): intended for a machine or individual to securely access resources behind a firewall. The client will install a Windows application onto their machine or PC, and be provided with a username/password. The customer will have to run the client VPN application (supplied by SnapFulfil) each time they want to access the replicated database.



2 IPsec Site to Site VPN:

A direct unshared secure connection between the customer network and the SnapFulfil database. Site-to-site VPN is more for networks consisting of multiple users e.g. employees and departments within a company. Site-to-site VPN allows each user to connect to a network where multiple users are also connected, allowing file transfer within that network, and to run automated processes without having to enter login credentials each time. The creation of a site to site VPN will require competent network/ security engineers to engage with the SnapFulfil hosting provider. The client must be operating with a static public IP address and support IPsecVPNS at their gateway.

Contact SnapFulfil for more information:

Call: **0333 241 2082**

email: info@snapfulfil.com web: snapfulfil.com social: [@snapfulfil](https://www.facebook.com/snapfulfil)



SNAPDATA™