

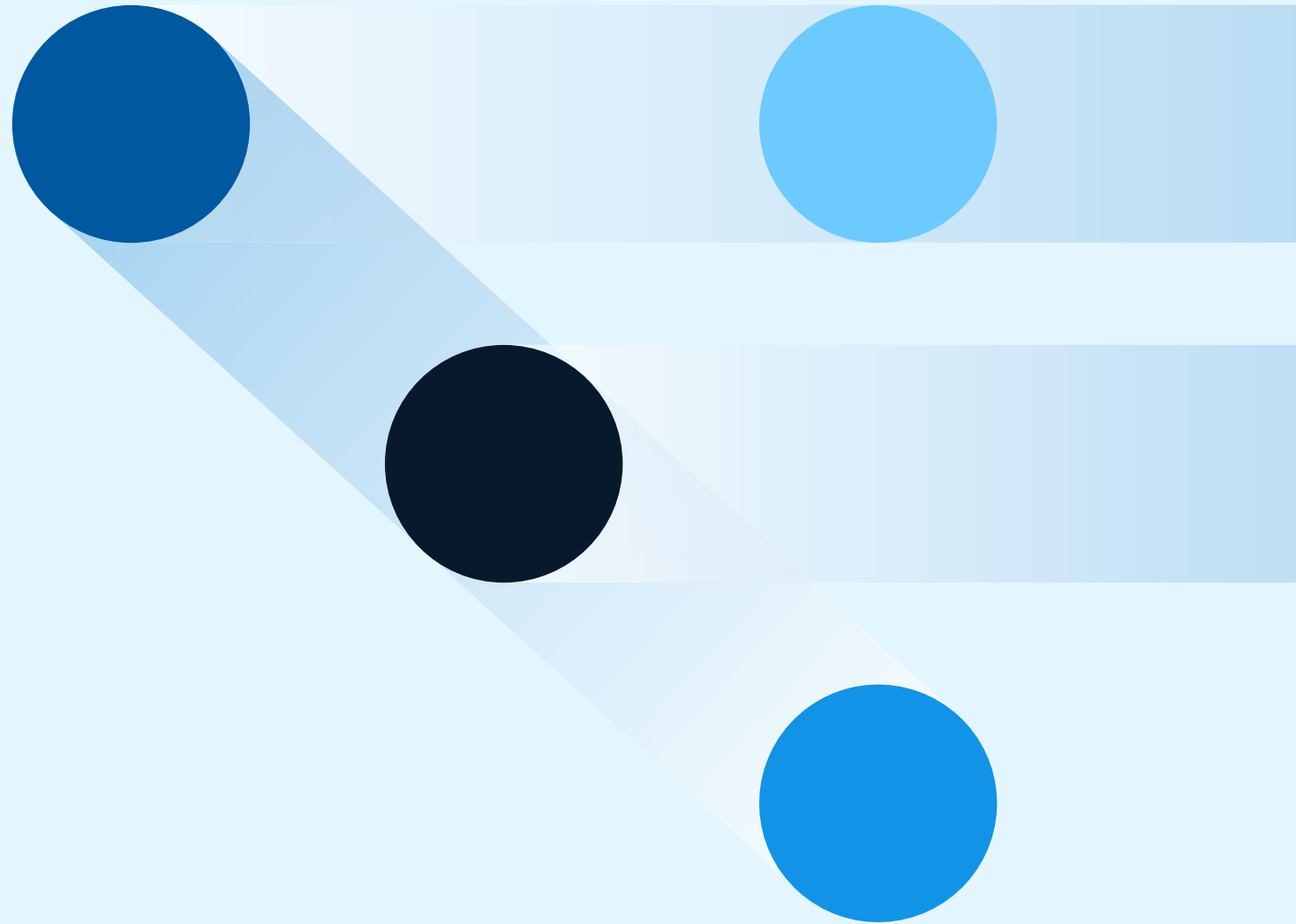
IBM Cloud Satellite™

Modernizing financial services applications with a distributed cloud

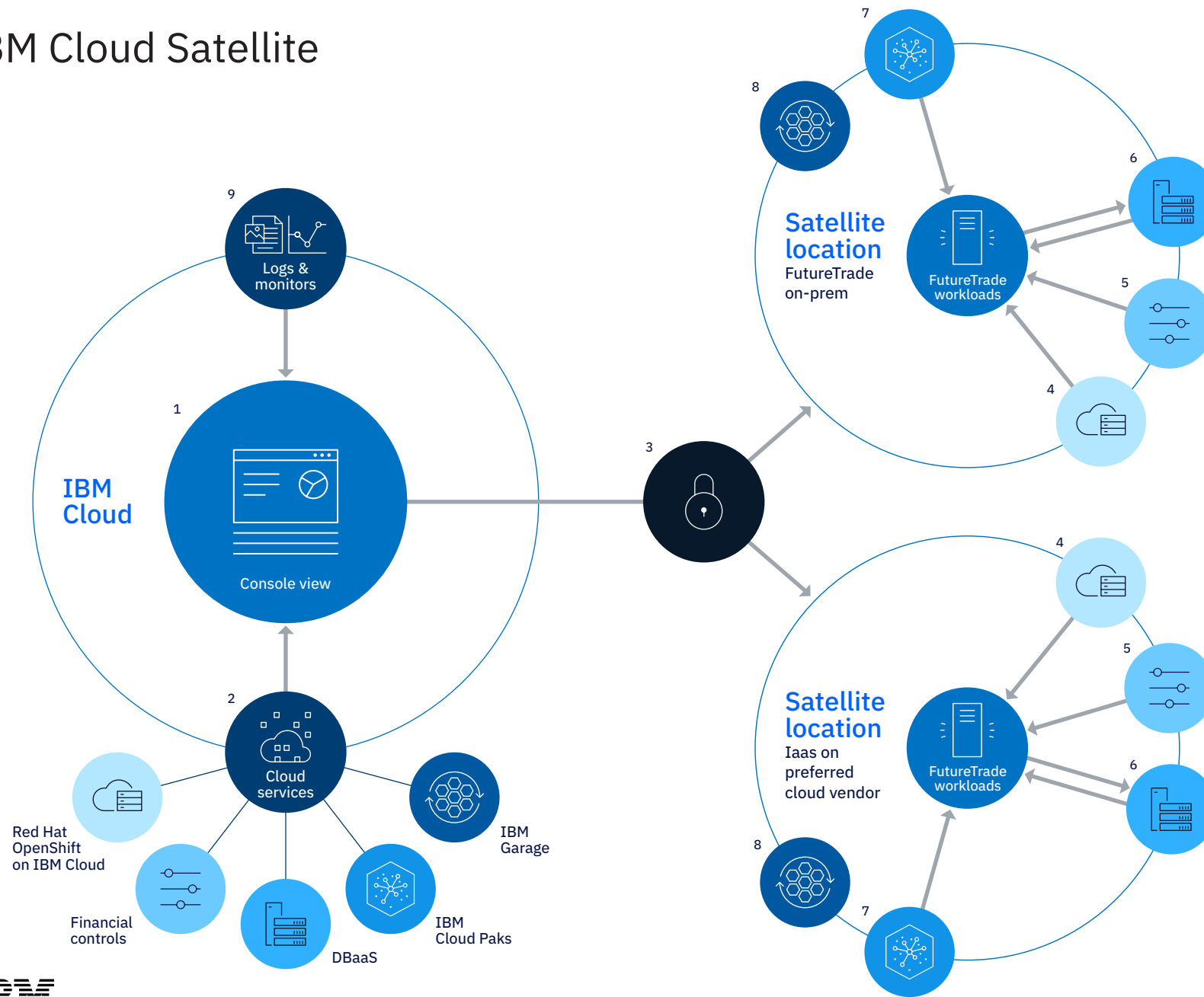
This diagram explains how FutureTrade architected a solution with IBM Cloud Satellite.

FutureTrade, a large financial services company, runs their stocking trading platform, back office and analytics applications on IBM middleware; WebSphere Application Server to serve requests, DB2 to handle transaction data, and MQ for messaging. FutureTrade's applications are built as a traditional stack architecture and run on virtualized hardware on premises. FutureTrade development teams release new features in six-month cycles.

With financial services, customers increasingly want flexibility in how they access and work with funds. To remain competitive, FutureTrade must meet those expectations more quickly. That requires modernizing their applications; decomposing them into independent but connected smaller services.



IBM Cloud Satellite



- 1 A single console view from which Satellite locations are defined, services are provisioned, and where deployed services and applications are monitored and managed.
- 2 IBM SRE teams maintain all IBM Cloud services. In simply consuming them, FutureTrade teams innovate and deliver their app updates faster.
- 3 Satellite Link tunnels securely connect locations. A DirectLink is also available for network security that entirely bypasses the internet.
- 4 FutureTrade undertakes app modernization projects on the Red Hat OpenShift on IBM Cloud container orchestration platform, provided as a service through Satellite.
- 5 Satellite services have financial controls built-in, helping FutureTrade reduce risk as they modernize.
- 6 Databases as needed for developing and deploying new app features.
- 7 Cloud Pak tools for managing the mission-critical IBM software FutureTrade uses.
- 8 IBM Garage experts for helping FutureTrade scope minimum viable products (MVPs) as part of modernizing FutureTrade apps.
- 9 Log data coming from deployed services and applications in all Satellite locations roll up to the single console view.