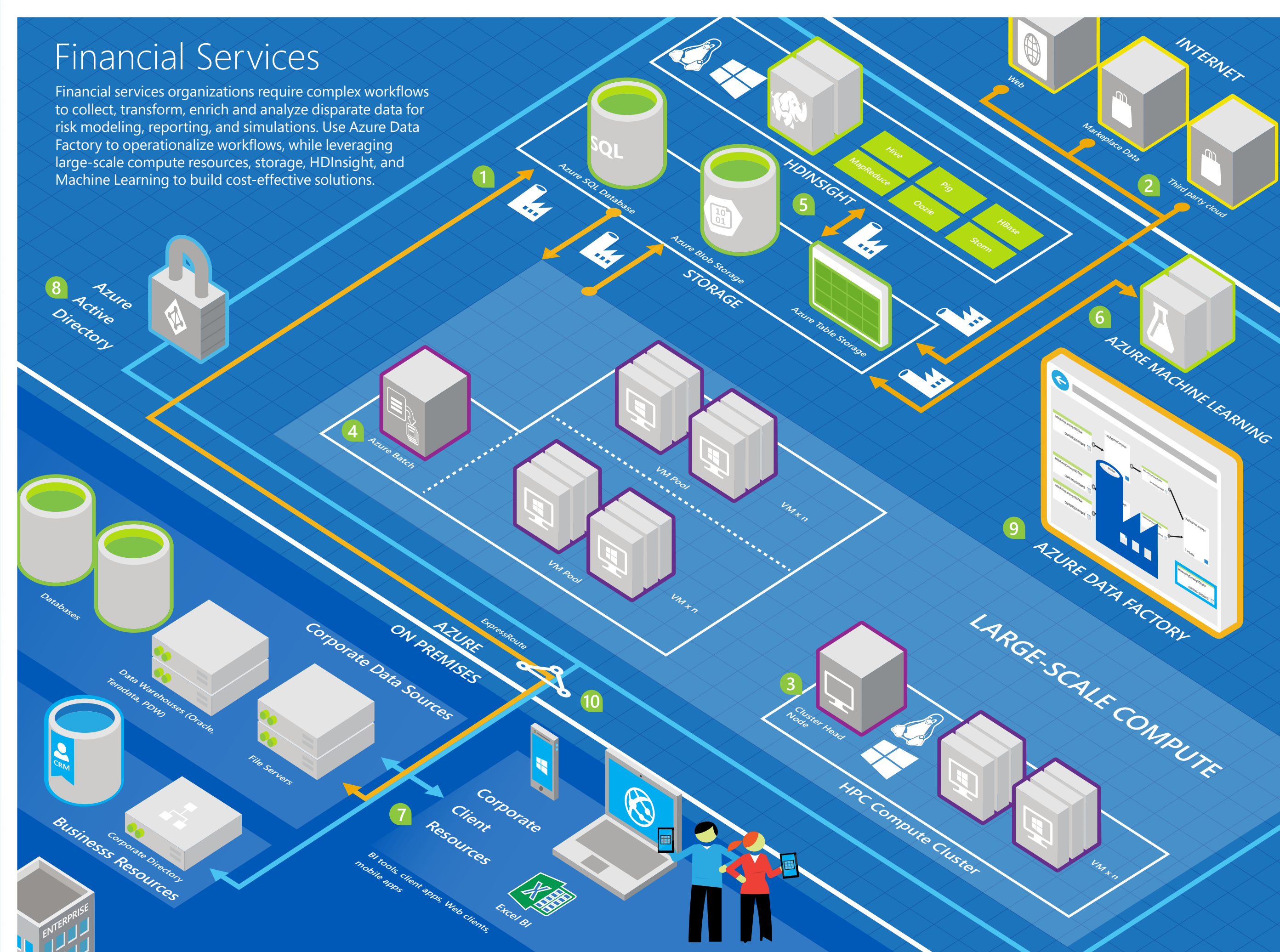


Financial Services

Financial services organizations require complex workflows to collect, transform, enrich and analyze disparate data for risk modeling, reporting, and simulations. Use Azure Data Factory to operationalize workflows, while leveraging large-scale compute resources, storage, HDInsight, and Machine Learning to build cost-effective solutions.



Microsoft

- 1 Use **Azure Data Factory** to collect financial data from disparate on-premises data sources into **Azure Storage** or **Azure SQL Database**.
- 2 Connect to commercial data sources using **Azure Data Factory** and ingest the data into **Azure Storage**.
- 3 Deploy a cluster completely on the cloud with **Microsoft HPC Pack** or with your own grid computing solution. Deploy VMs from a growing list of Windows and Linux images on **Azure Marketplace**.
- 4 If you prefer to not manage compute infrastructure, you can use **Azure Batch**, a job scheduling service for running large-scale parallel and HPC workloads that helps you to quickly enable your applications to run on the cloud, and manages data movement and scale.
- 5 The output data in cloud storage can be aggregated further with **Azure HDInsight** or Hadoop running on Azure IaaS.
- 6 Create rich predictive models using **Azure Machine Learning** and operationalize the model in your **Azure Data Factory** data integration workflow.
- 7 Move processed data to a cloud or on-premises data mart using **Azure Data Factory** and consume it with online tools like **Microsoft Power BI**, or with client analysis and visualization tools.
- 8 Actuaries and Quantitative Analysts run jobs and consume the results from their desktop, web or mobile clients. They are authenticated using their corporate account credentials federated with **Azure Active Directory**.
- 9 Compose, schedule, operationalize, manage and monitor all the data flows in the solution from a single pane of glass using **Azure Data Factory**.
- 10 Create private connections between Azure datacenters and your on-premises infrastructure with **Azure ExpressRoute**. These connections offer higher security than typical connections over the Internet, more reliability, faster speeds and lower latencies.

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