# CONNECT + databricks

# CONNECT and Databricks

## Unified data for a smarter, sustainable future

For decades, the promise of unifying information technologies (IT) and operational technologies (OT) data has offered industrial organizations the potential to revolutionize efficiency and innovation. Yet, the full realization of this vision has remained elusive, hindered by costly, impractical, and inefficient in-house solutions—until now.

With CONNECT, this convergence is finally making this long-awaited vision a reality. Customers can now make their OT data available in Databricks, seamlessly unifying it into a cohesive, accessible foundation. This breakthrough enables businesses to unlock the true power of data science, AI, and machine learning, driving unprecedented efficiency, sustainability, and growth.

### New levels of collaboration, use cases, and business value

Integrating CONNECT and Databricks opens the door to transformative use cases across industries:

- **Enhance financial forecasting:** Improve prediction accuracy by leveraging harmonized data sets.

- **Optimize life cycle management:** Extend the lifespan of critical assets with predictive maintenance.

- **Streamline operations:** Maximize production capacity while minimizing waste.

- **Advance sustainability:** Reduce carbon emissions, optimize energy consumption, and automate environmental reporting.

- **Improve quality control:** Achieve consistent yields with precise process optimizations.

- **Ensure safety:** Use advanced analytics to mitigate risks in hazardous environments.

## Key benefits of direct integration vs. in-house solutions

The direct integration of CONNECT and Databricks delivers distinct advantages over in-house solutions with custom developments. Purpose-built to ease the burden on organizations seeking to unify industrial and business data sets, this integration minimizes costs, accelerates time-to-value, and reduces uncertainties associated with custom solutions. Here's how a direct connection differs from in-house solutions:

### Data convergence

Gain access to synchronized IT and OT data to enhance decision-making and unlock the potential of AI and machine learning for predictions and automation.

### Storage efficiency

Minimize data duplication to optimize storage utilization, lower costs, and focus resources on deriving actionable insights.
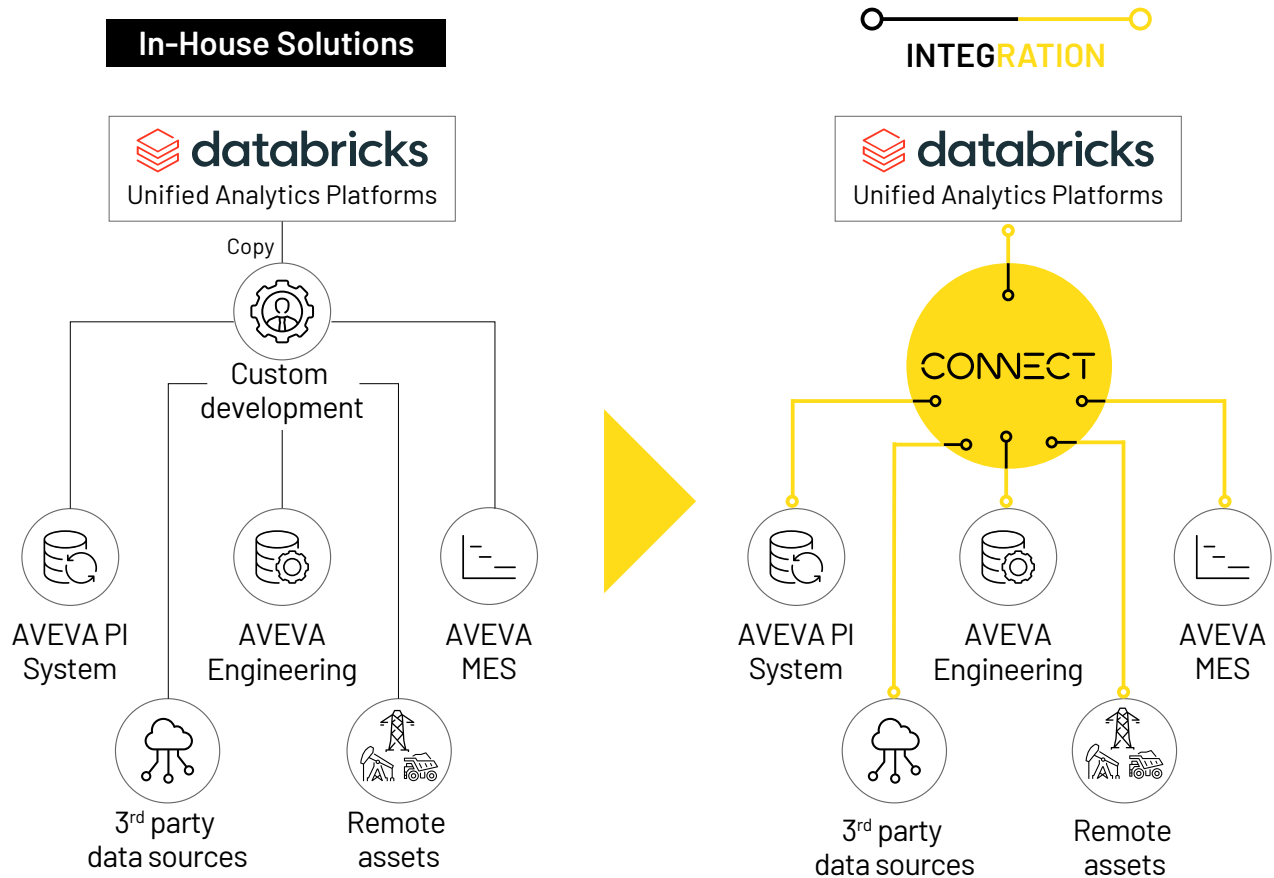
### Data integrity and contextualization

Maintain up-to-date information with timely updates across systems while ensuring accurate contextualization to reduce data wrangling and accelerate insights.

### Streamlined deployment and scalability

Deploy a native integration without custom development, simplifying complexity, saving time, and enabling effortless scalability as your business grows.



Data from CONNECT can be accessed in Databricks' library through a direct connection via Delta Sharing protocol.

> **The AVEVA partnership represents THE most exciting and strategic relationship for us in energy and manufacturing.**
>
> **Shiv Trisal,**
> Global Head of Manufacturing and Energy, Databricks

Ready to see how CONNECT and Databricks can elevate your operations and overall business intelligence?
**Contact us** today to learn more

**EXPERIENCE THE CONNECT EFFECT**