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## Solving the challenge of Big Data Analytics on multi source data in the OT/IT systems of utilities

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## Abstract

One of the challenge faced by utilities is the growing amount of data available in various IT/OT systems spread over the various IT / OT systems. It makes for a challenge in data aggregation and collection to be able to leverage the value added that could be brought by bringing together those various data sources for Financial systems, Real time systems, Planning systems, Maintenance systems, .. without the need or building a master data repository that would ultimately have them all in one place. Some lessons could be learned from other industries and can be leveraged for the utilities.

Bit Stew Systems platform, now part of Predix platform, has built for handling complex data integration and data analysis for connected devices on the Industrial Internet. Through data-driven automation, Bit Stew removes the complexity of industrial operations and connected machines to give clarity and control back to operations. Purpose-built for the Industrial Internet, Bit Stew's MIx™ product portfolio automates data ingestion, applies machine intelligence to learn patterns in the data, allowing industrial companies to discover actionable insights that optimize operational performance.