

# Automate Liquidity and Debt Position Visualizations

## Easily Integrate Power BI & Kyriba to Optimize Corporate Liquidity

### Overview

It is difficult to prepare a liquidity and net debt snapshot for an organization that operates numerous subsidiaries with multiple investment vehicles. In many cases, each subsidiary operates multiple data sources which only exacerbates the problem. Manual efforts are tedious and exposes the company to errors and long turn around times. An automated data preparation process, when translated into a meaningful insights will ensure accuracy and consistency.

### The Challenge

*Kyriba* software was the application of choice for our client’s Treasury department. Although *Kyriba* had dashboard capabilities, the dashboards did not provide the in-depth information the executives required. The business units prepared their liquidity and Net debt forecast summary from over 10 source data files in Excel. This was a labor-intensive and error-prone process. Our challenge was to prepare fully automated ETL process that turned into an insightful dashboard which served the following purposes:

- Auto Select information from latest and historical files, process calculations and weekly updated dashboards
- Allowance for more time to analyze the data instead of spending the time gathering and cleaning the data



**Industry:** Energy  
**Location :** Calgary, AB  
**Size:** 1,500+

### Company Bio

Client is a North American energy infrastructure company based in Calgary, Alberta. The company operates in three business segments: gas, power generation, and utilities.

**100%**

Automated Corporate Liquidity/Net Debt Dashboard

**1000+**

Man Hours Saved Per Year



Optimized Utilization of Microsoft Power BI

### The Solution

Raven Bay used the Microsoft Power Platform to meet the automated customer requirement:

- Power BI was used for data modeling, ETL and visualization dashboard preparation
- Over 10 data sources were brought into Power BI for data modeling. DAX language and M language were used to calculate totals from different files
- Power BI auto subscription functionality was used to distribute dashboard automatically across the corporation

### The Results

Raven Bay’s innovative approach provided the Power Platform solution which performs the following tasks:

- Selects the latest weekly data from *Kyriba* generated files and refreshes calculations for tables and charts without human intervention
- Capability to take information from over 10 files and process and display information in a simple and concise manner on the dashboard
- Automated cash flow and debt snapshot for current week and upcoming periods with a simplified output of complex cash flow concepts

*“This will significantly reduce manual effort and help C-Level executives to steer company in the right financial direction based on current, accurate Liquidity and Net Debt situation.*

*- Business User*