



EMK3 Credit Module

Assure credit policy compliance by managing credit exposure real-time

Available for: Crude Oil Natural Gas NGL Hedges

In today's volatile corporate environment and unstable oil and gas prices, many E&P companies are putting more focus on credit management. Balancing exposure across multiple counterparties and monitoring credit limits is critical to an oil and gas producer's business.

The Credit Module is designed for oil and gas producers to effectively and efficiently monitor vital credit activities. This module allows you to capture all credit terms, maintain accurate account balances, and value all physical and financial (hedge) transactions to give you real-time credit exposure. Exposure can be evaluated 30, 60, 90 or more days into the future and reported by counterparty.

Key Features

- **Capture Counter-Party Credit Parameters:** Capture various credit parameters for each counter-party including Credit Rating, Credit Score, LC, Parental Guarantee and more.
- **Calculate Credit Exposure:** Forecast credit exposure out 30, 60, 90 or more days. Support for multiple volume and price forecasting methodologies.
- **Include Physical and Financial Transactions:** Get a complete credit assessment by combining both physical sales and financial hedges.
- **Accurate Account Balances:** Integrate with your accounting system to include accurate unpaid balances into your credit assessment.
- **Integrate NYMEX Forward Curves:** Forecast sales for future months by integrating forward curve basis differentials from CME NYMEX Clearport.
- **Multiple Exposure Profiles:** Create multiple credit exposure profiles for each counterparty to assess credit exposure from different parameters.
- **Multiple Credit Lines:** Enter multiple credit lines for each counterparty and assess credit exposure by credit line.
- **Graphical Analysis:** With dashboard technology, visually and interactivity monitor all credit exposures at both the summary and detail levels.
- **Supports Crystal Reports:** Supports Crystal Reports as the reporting engine, offering a powerful and flexible reporting solution.
- **Generate Reports:** Credit Detail, Credit Summary, Historic Revenue, and more.

Fig. 1 – Credit Analysis



Fig. 2 – Unpaid Balances

The screenshot shows the 'Account Balances' table. The table has columns for Associate Name, Profile Name, Last Bal. Sent, Oct Avg, and Daily Balance. The data includes entries for BP Energy Marketing, BP Test, Company A, Company B, Company C, Company D, Company E, ConocoPhillips, ConocoPhillips (Chapparral), Cheetah, Enersco Energy Inc, galeat, Gulfmark, Sempia Energy, and Sempia Energy (S).

Associate Name	Profile Name	Last Bal. Sent	Oct Avg	Daily Balance
BP Energy Marketing	Standard Profile	10/1/2009	\$23,900	\$22,900.00
BP Test	3M LC	2/28/2009		
Company A	Demo			
Company B	Demo			
Company C	Demo			
Company D	Demo			
Company E	Demo			
ConocoPhillips	2M LC	3/15/2009		
ConocoPhillips	8M LC of 8M (Chapparral)	10/1/2009	\$11,930	\$11,930.00
ConocoPhillips (Chapparral)	Default 3M	10/1/2009	\$32,900	\$32,900.00
Cheetah	2 month			
Enersco Energy Inc	Default LC	10/1/2009		
galeat	galeat30	4/30/2008		
Gulfmark	7M LC	10/1/2009		
Sempia Energy	2 month prior			
Sempia Energy	2M Credit Line	10/1/2009	\$25,600	\$25,600.00
Sempia Energy (S)	2M LC	10/1/2009	\$350,000	\$350,000.00

Fig. 3 – Calculated Credit Exposure

The screenshot shows the 'Credit Exposure' table. The table has columns for Exposure Date, Business Associate, Exposure Profile, Def. Profile, and Credit Avail. The data includes entries for BP Energy Marketing, Cheetah, Company A, Company B, Company C, Company E, ConocoPhillips, ConocoPhillips (Chapparral), Cheetah, Enersco Energy Inc, galeat, Gulfmark, Sempia Energy, and Sempia Energy (S).

Exposure Date	Business Associate	Exposure Profile	Def. Profile	Credit Avail.
10/1/2010	BP Energy Marketing	Prior Month for 2 months	None Selected	(\$112,720.42)
10/1/2010	Cheetah	Prior Month for 2 months	None Selected	\$2,423,187.00
10/1/2010	Cheetah	3Mh Credit Exposure	None Selected	(\$805,475.00)
10/1/2010	Cheetah	2Mh Exposure	None Selected	\$1,032,341.00
10/1/2010	BP Test	Prior Month for 2 months	None Selected	\$24,451,000.00
10/1/2010	Company A	Prior Month for 2 months	None Selected	\$9,250,000.00
10/1/2010	Company B	Prior Month for 2 months	None Selected	\$9,250,000.00
10/1/2010	Company C	Prior Month for 2 months	None Selected	\$4,500,000.00
10/1/2010	Company D	Prior Month for 2 months	None Selected	\$4,500,000.00
10/1/2010	Company E	Prior Month for 2 months	None Selected	\$2,000,000.00
10/1/2010	ConocoPhillips	Prior Month for 2 months	None Selected	\$18,421,797.80
10/1/2010	ConocoPhillips (Chapparral)	Prior Month for 2 months	None Selected	\$4,988,070.00
10/1/2010	Cheetah (Chapparral)	Prior Month for 2 months	None Selected	\$325,162.80
10/1/2010	Enersco Energy Inc	Prior Month for 2 months	None Selected	\$845,800.00
10/1/2010	galeat	Prior Month for 2 months	None Selected	(\$1,000,000.00)
10/1/2010	Gulfmark	Prior Month for 2 months	None Selected	(\$5,018,824.92)
10/1/2010	Sempia Energy	Prior Month for 2 months	None Selected	\$1,805,200.00
10/1/2010	Sempia Energy (S)	Prior Month for 2 months	None Selected	\$1,450,800.00
10/1/2010	Sempia Energy	Prior Month for 2 months	None Selected	\$1,450,800.00
10/1/2010	BP Energy Marketing	2Mh Exposure	None Selected	\$17,056,264.74
4/1/2010	BP Energy Marketing	3Mh Credit Exposure	None Selected	\$4,767,568.41
4/1/2010	BP Energy Marketing	3Mh Credit Exposure	None Selected	\$14,785,987.64