

# DeepCredit® iEWS

A leading “econometrics + machine learning” based credit analytics solution

DeepCredit® iEWS (intelligent Early Warning System) provides superior predictive power for credit assessment and monitoring by identifying credit deterioration at the earliest. It covers a full spectrum of applications from large corporates to SMEs. Leveraging new-generation analytics, it empowers credit approvers, risk managers, and portfolio managers to make smarter risk-based decisions and thus reduce credit losses.

## New-Generation Analytics

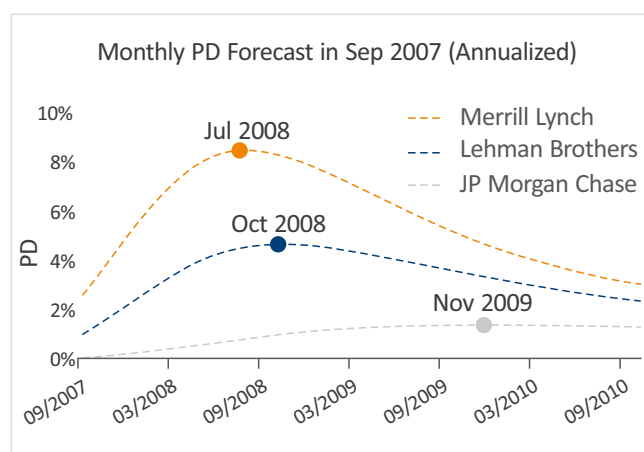
Powered by breakthrough analytical technologies, our proprietary analytics distinguishes from traditional analytics in the market with substantially improved performance.

### Key Benefits

**Identify credit deterioration at the earliest** enabling pre-emptive actions against high-risk customers and endangered sectors

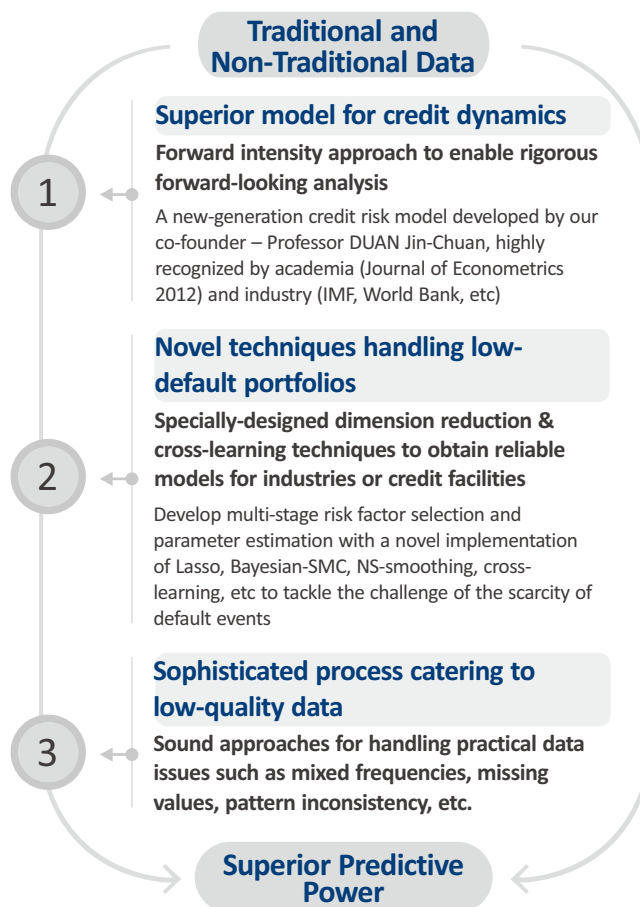
**Pinpoint the potential riskiest time** for preventive plans against defaulting customers with prioritized efforts

**Examine key risk drivers** to understand major risk sources for targeted action plans



Our analytics identifies Lehman Brothers’ and Merrill Lynch’s credit deterioration and foresees JP Morgan Chase’s credit stability **12 months ahead** of GFC.

### Unique Features



# An End-to-End Solution

iEWS uses automated processes to seamlessly integrate data and analytics into the system, providing users with an efficient one-stop solution.

## Gain deep insights

- ▲ Overview all key risk information of all customers
- ▲ Pinpoint the who, when and why of customer default
- ▲ Understand portfolio risk concentration

## Stay agile and intuitive

- ▲ Real-time warning
- ▲ Instant update
- ▲ Wide-scale visualization widgets

## Keep model optimal

- ▲ Track model performance
- ▲ Recalibrate models to up-to-date data
- ▲ Refine models by changing risk factors

## Save time and reduce cost

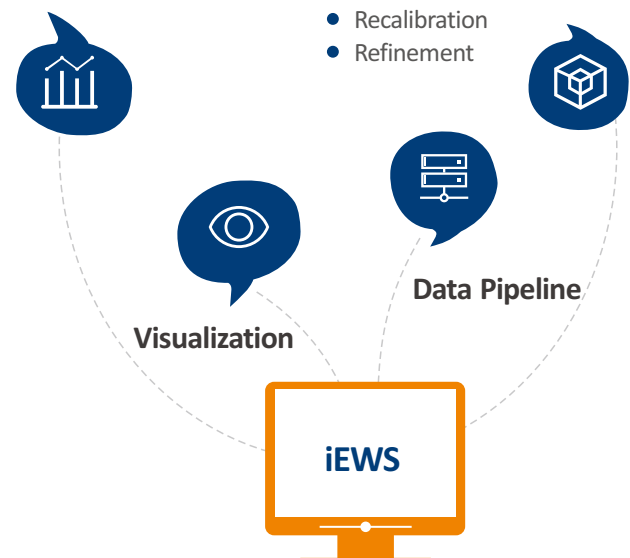
- ▲ Automated data pipeline and risk assessment
- ▲ Minimal manual touch
- ▲ Easy-to-use web-based application

### Credit Analysis

- Existing customers
- New applicants

### Model Management

- Recalibration
- Refinement



# Additional Services

To maximize the value of iEWS to clients, we also provide customized services on

## Model development

- ▲ Harmonize your multi-source data
- ▲ Cater to your default definition
- ▲ Integrate your expertise and preference
- ▲ Optimize model segments to your portfolio structure
- ▲ Tailor warning signal criteria to your risk appetite

## System deployment

- ▲ Support on-premise and cloud-based installation
- ▲ Require minimal realignment and zero downtime of your in-use system

## Contact Us

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CriAT is a spin-off fintech company from the National University of Singapore. We provide new-generation credit analytics and deliver proprietary, superior solutions in credit risk management to meet various needs of clients. Our solutions are powered by cutting-edge analytical technologies and augmented by in-depth domain knowledge – making us unique.