



## Business Analytics

*Innovative & Comprehensive Risk  
Management Solutions.*

AMXi professionals have the knowledge and expertise required to support the quantitative and qualitative analysis needs of our clients. We help our clients establish a risk management environment that strikes a sustainable balance among quantitative methods, qualitative observations, hands-on experience and good business judgment. This allows senior executives, key decision makers, management and employees to drive business performance while avoiding risks management failures. The old adage is true; *the fastest cars have the best brakes.*

### We Help Organizations

- Analyze credit derivatives, credit risks, credit ratings, balance sheets and determine probability of default.
- Develop risk measurement and simulation tools, conduct back tests and stress tests.
- Improve data quality.
- Deconstruct complex risk models.
- Analyze foreign exchange structured solutions and indicative derivatives.
- Prepare pricing and modeling equities models including exotics, derivatives, structured and products.
- Perform hedge fund due diligence.
- Develop currencies and commodities volatility models.
- Develop econometric, economic capital and deposit models.
- Analyze fixed income bonds.
- Analyze collateralized debt obligations and collateralized loan obligations.
- Develop recovery rate, loss given default, and exposure at default models.