

Battle-hardened RiskLogik risk and resilience solutions provide complete risk discovery, analysis and mitigation

With military-grade precision, RiskLogik solutions employ geospatial intelligence, proprietary software and proven methodology to provide complete risk discovery, analysis and mitigation for public and private sector organizations.

RiskLogik forms the core risk and resilience capability that leaders rely on to inform their decisions. And at an operational level, RiskLogik is the modeling and simulation capability that managers rely on to develop and test disruptive event scenarios and the potential consequences of their actions.

“Climate change, technological transformation, political upheaval and malicious acts all disrupt economies and societies with increasing magnitude and frequency. So, we must adapt to these inevitable risks. We must become more resilient,” says Nick Martyn, RiskLogik’s Founder and CEO.

Prior to founding RiskLogik, Martyn held various command and staff appointments in both the Canadian and British Armies over 27 years of military service in Canada, UK, Germany, Former Republic of Yugoslavia and Afghanistan. His executive team holds similar depths of military and civilian expertise, ranging from

directing corporate delivery projects at multinational companies, top-level participation in technology collaboration projects with NATO and responsibility for crisis management at NORAD’s Cheyenne Mountain command center in Colorado Springs.

Resilience is the ability of assets, networks and systems to anticipate, absorb, adapt to and/or rapidly recover from a disruptive event or shock.

“Resilience is not a just-in-time product that can be delivered when it’s needed. It doesn’t come in a box. Resilience requires careful planning, deliberate implementation and constant adaptation through risk discovery, analysis, and mitigation. The resilient economies and societies of tomorrow are the result of decisions we make today,” says Martyn.

“Building resilience is about understanding what could happen, what the consequences might be and designing resilient systems that react quickly to a shock, minimize its impact, and recover quickly.”

Fast facts

Corporate profile

From government departmental risk profiles to corporate supply chain planning to critical infrastructure at the regional or national levels, RiskLogik provides the skilled professionals, proven techniques and leading edge tools to make organizations, communities and economies resilient in a changing world.

Why Ottawa

“Invest Ottawa is simply a brilliant investment of tax dollars,” says Nick Martyn, RiskLogik’s Founder and CEO. As a member of Invest Ottawa’s Business Acceleration program Martyn is impressed with the skills and the quality of the Invest Ottawa experts. Ottawa’s skilled technical and management talent pool is another draw for RiskLogik.

Business advantage

For a major North American city, a \$1.8 million RiskLogik solution implementation replaced a manual method that cost \$3.5 million, a 52% cost savings. Once in place, RiskLogik delivered a critical infrastructure resilience model within five days. A previous attempt to deliver a similar model with traditional methods took more than six weeks.

Given the pace of change society is witnessing, the achievement of resilience is no longer a choice. Organizations and communities that are resilient will fare better than those that are not. And those that begin now will achieve greater resilience sooner and be able to withstand greater shock no matter when it occurs or where it originates.

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Why Ottawa

“Invest Ottawa has helped us in many ways and is simply a brilliant investment of tax dollars. Canada is a nation of great talent and astounding innovation, but we are not yet universally great entrepreneurs. The programs at Invest Ottawa turn innovators into successful entrepreneurs that can export to the world and in so doing build a stronger economy here at home,” states Martyn. “That’s our goal with RiskLogik.”

“We could have established our company anywhere, but the technical and management talent pool in the Ottawa region is deep and the support from Invest Ottawa is phenomenal so we decided to base ourselves here,” says Martyn. “We expect RiskLogik’s expansion will rely on excellent human resources.”

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A previous attempt to deliver a similar model with traditional methods took more than six weeks. Another bottom-line RiskLogik result: Should the same disruptive event present itself (a flood, cyber attack, or derailment for example), the recovery time and associated cost may be up to 50% less - from tens to hundreds of millions of dollars - than without an actionable RiskLogik critical infrastructure resilience model in place.

Future growth plans

In use by clients since 1998, RiskLogik, a business division of Deep Logic Solutions Inc., is planning for rapid growth in 2013.

Recent RiskLogik solutions have successfully aided reconstruction in Afghanistan, created a national critical infrastructure resilience model for Ontario and for Canada, and visualized the consequences of multi-project risk for the executives of Caterpillar Inc.

RiskLogik clients include major national and international public and private sector organizations and companies. According to Mohamed Ehsan Zia, Minister of Rural Reconstruction and Development, Government of the Islamic Republic of Afghanistan, “RiskLogik played a vital role in Afghan reconstruction. It enabled us to see and understand the risks inherent in the implementation of our National Development Strategy. I believe it helped us obtain a lot of the donor pledges for new infrastructure.”

Contact information

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