

# Diagnosis risks and support strategic business decisions with X-Act Insights

X-Act Insights allows users to proactively expose operational risks and validate whether planned changes will improve business outcomes

For the last decade dynamic complexity has become an increasingly significant and counterproductive force within business. In most cases, traditional risk assessment and prediction practices only address part of this challenge. Often key risk data will not reveal itself until a crisis occurs—at which point it becomes too late to take the corrective actions necessary to improve business outcomes.

Under these circumstances, operational teams have no choice but to react to surprises in production, because existing tools are unable to accurately predict problems across organizational silos or expose new risks caused by never seen before patterns of behavior.

In reality, the cause of the next crisis is always there, but it remains hidden due to lack of methods to reveal it. Today management teams are handicapped by this inability to predict the future behavior of systems—as current risk management approaches are deficient in their ability to rapidly diagnose and consequently fix problems before a crisis will suddenly manifest.

Using advanced mathematical algorithms and other scientific innovations to extract meaningful information from qualified business and IT data, X-Act® Insights allows users to identify deteriorating behavior patterns (both known and unknown), analyze the associated risk and recommend corrective actions before problems impact performance.

## STRATEGIC DECISION SUPPORT

Throughout the project lifecycle, X-Act Insights provides strategic support for business and technology decisions by allowing users to anticipate how changing complexity will impact performance—in terms of quantity, quality and cost—and validate plans for improvement. Businesses use X-Act Insights to propose fixes ahead of problems, compare solutions before investing in implementation, and prove decisions for a full range of projects including M&A, product development, migration to the cloud and economic risk determination.

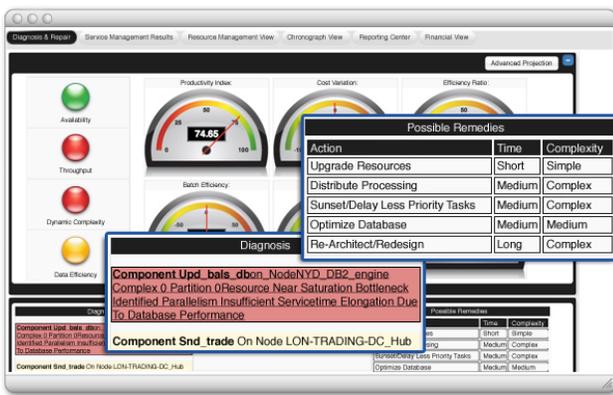


## END-TO-END MODELING OF BUSINESS & IT

Using a robust library of over 10,000 pre-defined processes, patterns, infrastructures and platforms, X-Act Insights users can quickly build a unified model of business and technology layers using the product's point and click interface. This allows users to pinpoint problems caused by interdependencies between system components that are often missed by other tools.

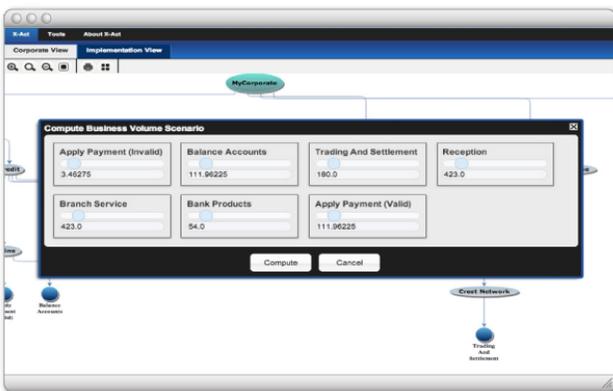
## PRESCRIPTIVE RECOMMENDATIONS

X-Act Insights eliminates guesswork and speeds time to solution by presenting users with a list of role-based prescriptive actions for current and predicted problems. Additionally, the tool provides automated risk analysis, solution complexity ratings and time to implement estimates, so that X-Act Insights users can access all the information they need to quickly make decisions and execute the right remediation plans from a single interface.



## WHAT-IF ANALYSIS

Interactive sliders allow X-Act Insights users to easily explore how changes in any layer of the stack (business, application, server, database, disk subsystems or communications) will impact performance. The what-if analysis capabilities help users identify system limits, expose hidden project risks and devise appropriate remediation plans.



## DYNAMIC BENCHMARKING

While many companies can offer benchmarks based on static measurements taken in non-production environments, only X-Act Insights can accurately answer how technologies will perform in dynamic production environments and pinpoint the root cause of performance problems across all layers of the stack. With X-Act Insights, users can make more informed purchase decisions, validate whether planned changes will yield the desired results and identify opportunities for improvement.



## STATE OF THE ART TECHNOLOGY

Built on 15 patented technologies and methodologies resulting from over 20 years of academic and commercial research and development, X-Act Insights uses advanced methods of mathematical analytics—like those trusted in space exploration—to reliably predict new and dangerous patterns of behavior that other predictive or big data analytics tools often miss because of their dependence on historical data. Combining patented predictive and prescriptive mathematical solutions, advanced technologies such as graph theory and machine learning, knowledge validations and filtering, pattern recognition and human dynamics, X-Act Insights precisely emulates systems to reliably expose risk—by determining system limits and the conditions under which the system will exhibit undesirable behaviors.

## FLEXIBLE DEPLOYMENT OPTIONS

Accretive offers businesses the flexibility to choose between SaaS and On Premises delivery models.