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Quantar Solutions RCR Suite is the GRC and OpRisk sector's integrated solution for the identification, quantification and valuation of business process and technology interdependency risks.



## Simplify Risk Management, Compliance & Resilience

Operational risk and resilience have expanded beyond their original spheres within traditional financial functions, towards business units and general business operations.

Corporate governance and regulatory compliance have joined risk and resilience as key functions for your organization in achieving sustainability and meeting increasing legislative burdens.

Quantar Solutions provides an integrated suite of software and services that

- enables your organization to solve the problems posed by the new regulatory environment
- enables effective risk, resilience and business continuity
- encompasses the ability to identify, assess, and quantify operational risk values for business operations and technology interdependence

## Maximize Efficiency and Drive Competitiveness

RCR Suite provides cost-benefit analysis of risk management options in a clear and easy to understand format, giving both managerial oversight as well as a full audit trail for regulatory compliance.

Modelling risk mitigation ensures capital allocation is utilized for cost and operational efficiencies, driving your organisations' competitiveness.



## Rapid Deployment and Low Cost of Ownership

Quantar RCR Suite is a flexible, cost-effective software solution assisting your organization in its operational risk and compliance programs, with:

- an intuitive interface for ease of use
- report generation for simple to understand information presentation
- time saving unburdening of resources

Quantar RCR Suite is a unique organization-specific solution to business process operational risks, overcoming the traditional problems of silo or location-based approaches to identifying and valuing business process downtime risks.

Individual or multi-location capability delivers the means to provide detailed risk data for regulatory compliance on an SBU/location or enterprise-wide basis.

Turn industry-specific challenges into opportunities for competitive advantage. Enhance your organizations' GRC and OpRisk practice for increased business performance.

## Rapid GRC and Enterprise Resilience

Governance, Risk and Compliance (GRC) is an increasingly important part of all organizations due to the potential impact on many areas.

Quantar RCR Suite is designed to help you manage GRC issues relating to operational dependence upon technology in a simple to operate manner:

- single or multiple users across multiple locations
- simple and rapidly deployed
- low cost of ownership

Quantar's GRC software solution collects, manages and measures operational risks arising from business operations and technology interdependence.

Forming part of your overall GRC and business continuity planning, Quantar's RCR Suite meets changing needs and business requirements in today's increasingly regulated markets.

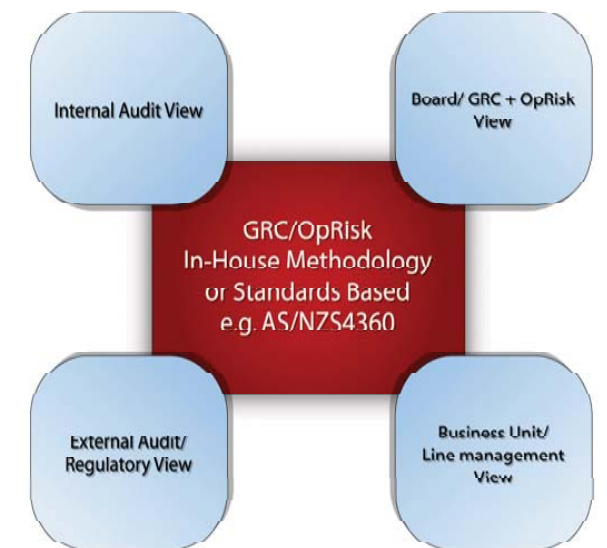
With scalability and flexibility, RCR Suite is quick to roll-out across your organization, with minimal training requirements.

## Enterprise-wide Risk Assessment

Effective GRC requires the right information getting to the right person at the right time. RCR Suite's output can be delivered, regardless of location, to the right person:

- import and export capability
- centralization of enterprise-wide risk data to a single person or multiple personnel

RCR Suite identifies key risk areas and values operational failure downtime. Variance to thresholds can be set according to your organization's risk appetite, with alerts triggered when thresholds are breached.



Go beyond a silo approach to risk management and compliance.

RCR Suite reporting, specific to your organizations exposure and degree of process and technology interdependence, creates improved risk management, regulatory compliance and business continuity management, rather than relying upon generic reports or a purely compliance-led approach to GRC and risk management.

Effective operational risk management requires high quality risk data. RCR Suite acquires data specific to your organization and uses industry standard methodologies to identify threats to business process continuity:

- cross-organization, rather than simplistic business structure approaches to mapping
- delivers information for internal risk management units, senior management, and for external audit and compliance
- leverage compliance and manage operational risks for process improvement and enhanced business efficiencies

RCR Suite is designed to present information in a format that is quick and easy to understand and explain, integrating organization-specific threat data, internal user defined inputs, relevant external risk data and historical data.

The ability to model and analyze scenarios provides overall enterprise operational risk exposures resulting from process and technology interdependency.

## Transparency & Interoperability

Quantar Solutions provides an integrated framework of technologies and services that enable your organization to solve your technology/process interdependency problems.

Quantar's RCR Suite overcomes the common problem of having multiple tools for individual risk and compliance functions.

The ability to export output in xml provides the option of integrating RCR Suite's results into other applications, either stand-alone or as an input for additional modelling.

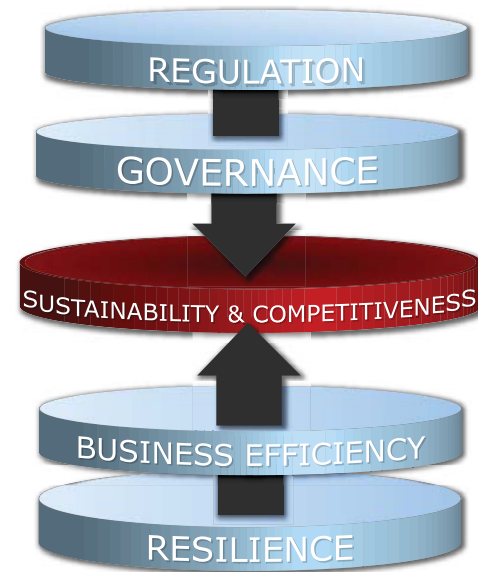
RCR Suite delivers:

- organization-specific loss threat data collection in a patented manner
- key risk indicators
- risk mitigation analysis

...providing managerial oversight of operational risks throughout your organization.

Acquisition of threat data for your organization delivers a single source of reference for multiple users.

Automated archiving creates "collect once - multiple use" functionality for audit and compliance transparency, as well as continuous risk assessment utilizing historical data.



## Identify Business Process Vulnerabilities

RCR Suite is capable of handling multiple departments, regions or locations, and its flexibility facilitates easy business process mapping.

Understanding and illustrating operational interdependence with technologies is a key component in building both resilience and efficiency.

RCR Suite provides the means to map your organization in a simple and low cost manner.

RCR Suite takes data from three sources; organization-specific, user defined and external. This ensures your risk identification, assessment and quantification is accurate, representative and ongoing.

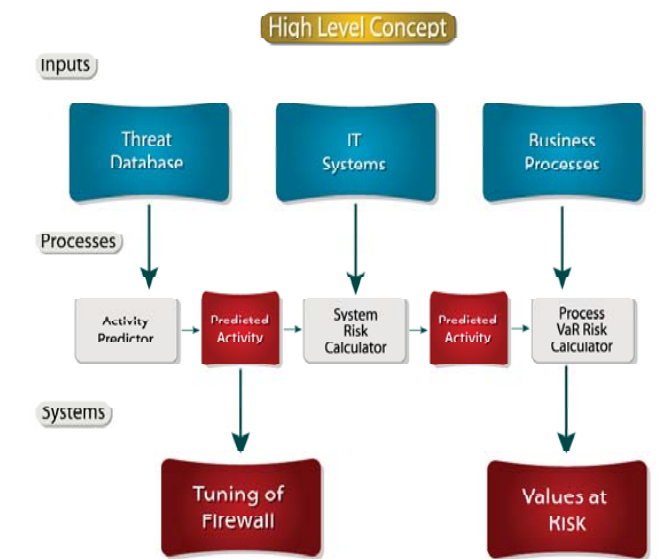
Graphical representation of operational risks ensures quick and easy explanation for both management and regulators.

## Quantar RCT Suite comprises:

### Data Acquisition

Our IPTAP data acquisition system collects, aggregates and identifies threats posed to your organization, taking actual threat data and using industry-standard methods of prioritizing and calculating targets owned by your organization.

Utilizing our patented technologies, this system acts covertly and does not penetrate your confidential and proprietary data. Taking actual company threat data ensures accuracy and appropriateness when analyzing and predicting current and future trends.



### Multi-model Analytics

Quantar's RCR Suite comprises two solutions for analyzing the actual threat data acquired for your organization. The first of these solutions, n-ORM, identifies which business processes would be affected by a successful attack and calculates the financial losses that would result. It also enables the user to hypothesize as to the cost-benefit and effectiveness of various risk mitigation options.

The second component of the analytics suite, PAE, allows users to use different statistical analysis methods for the same sets of data. This enables your organization to tailor the results according to risk appetite or for regulatory compliance.

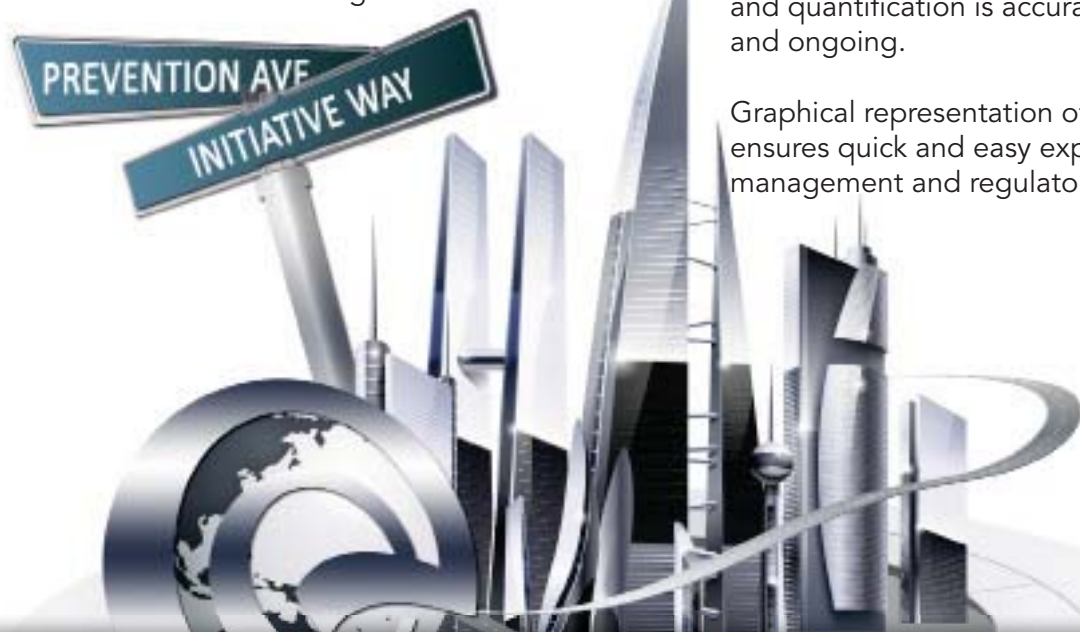
### Reporting

Each solution has the ability to print to store all risk data and financial exposure over any period selected. In addition, reporting within the core solution enables users to illustrate to others, in an easy to understand format, the risk exposure and any risk reduction actions over a user-defined period. In this way, your organization is able to optimize its risk and continuity management programs.

### Key Benefits

With Quantar RCR Suite, your organization can:

- implement a self-documenting operational risk valuation infrastructure integrating actual organization-specific threat data & user defined data into a single repository for risk management & regulatory compliance
- adopt consistent operational values at risk methodology throughout your organization
- create group-wide overviews of your business process and technology interdependency operational risks
- provide requisite levels of transparency and traceability for regulatory authorities and simplify calculation explanations to satisfy auditors
- enhance capital allocation efficiencies through modelling "what-if" scenarios for risk mitigation options, maximizing your organizations business efficiencies
- reduce costs of regulatory compliance through eliminating expensive duplications of risk management & compliance functions into a single, integrated solution



## Create Resilience & Sustainability

By using a business process, technology interdependency and data acquisition approach, Quantar's RCR Suite helps organizations to effectively manage their operational risks and provides the key information required for creating enterprise resilience and operational continuity.

Gathering organizational risk and threat data, internally defined data and industry standard external data, RCR Suite's holistic view of operational risks enables risk management teams to increase sustainability.

Revealing business process vulnerabilities through accurate identification, assessment and valuation of threats posed to organizational sustainability is key to enhancing risk management programs.

Problem	Solution Suite	Benefits
How to acquire organization-specific risk data and identify critical assets at risk without compromising data integrity?	<b>Internet Protocol Threat Analysis Program (IP TAP):</b> Acquires and analyzes threat data from information inbound to your organizations' perimeter defences using patented technology.	Organization specific data ensures accuracy and appropriateness of risk information required for risk management and resilience.
Quantify financial impact caused by specified processes going down? How to reduce exposure? How to provide requisite regulatory information?	<b>Network Operational Risk Manager (n-ORM)</b> Combines actual threat data with internal and appropriate external risk data. Delivers clear and concise exposure levels. Risk mitigation actions can be modelled.	An overall view of enterprise-wide operational risks enables optimal capital allocation to risk management and business continuity. Scenario analysis and reporting functions assist regulatory compliance.
How to map organization-wide business processes simply and cost-effectively?	<b>Infrastructure Manager</b> Intuitive and user-friendly interface enables widespread distribution throughout an organization. Aggregation facility creates rapid business process mapping.	Little training required; simplicity of use. Infrastructure Manager assists organizations in mapping processes and systems to any degree of granularity and imported into a single repository for analysis.
How to select the most appropriate measurement methodology for a given set of data?	<b>Predictive Analytics Engine (PAE)</b> Takes organization-specific risk data and analysis using stochastic models with a patented methodology. Users able to compare various outputs to match risk appetite, or compliance needs.	Provides historical trend analysis and future projections. Risk management teams can identify trends using time series models ensuring risk exposure is within acceptable levels. Mitigation may be required to remove the risk of thresholds being breached.

