



OneSumX[®] GRC

PLATFORM OVERVIEW

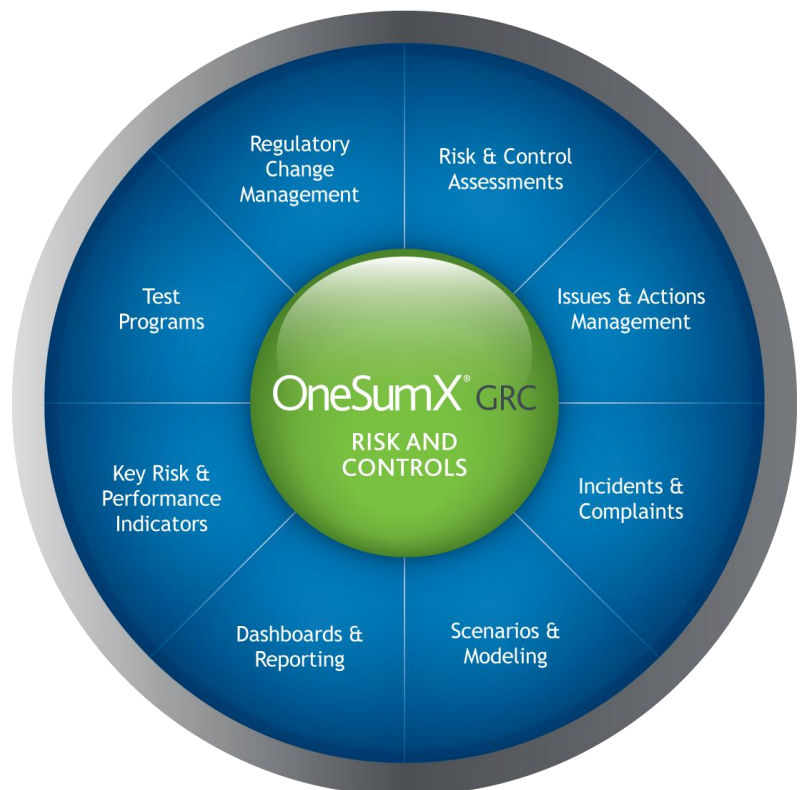
OneSumX GRC, powered by the regulatory intelligence and deep industry expertise of Wolters Kluwer Financial Services, is an enterprise GRC management tool for financial institutions. Its modular components measure, monitor and manage compliance, financial and operational risk.

This unique tool combines regulatory intelligence and financial analytics with efficient policy, procedure and process management capabilities for increased transparency and control. OneSumX GRC provides senior executives with a cross-silo view of enterprise risk. Featuring high-level reports, interactive dashboards and multi-risk discipline support, the solution is leveraged to support decision making and resource allocation. At the same time the tool makes it easy for department managers and operational units to enter the information that drives those decisions, from simple risk assessments to control attestations and testing.

OneSumX GRC is backed by experts who understand the financial services industry and appreciate how the unique complexities of each institution must be considered during the implementation process. The solution is configured, maintained and implemented by a team of seasoned risk management professionals all of whom have had previous industry experience as bankers, regulators, and lawyers. This team ensures that we design a risk management program to address the unique prescriptive requirements of banking risk management, as well as provide current content and functionality based on best practices and ever changing regulatory requirements.

This document provides an overview of the functionality and architecture of OneSumX GRC, with special focus on the eleven modular functions listed below. Because the solution is modular, institutions select only the components they need and roll out additional components as their risk management program matures.

- Regulatory Intelligence (CRN)
- Policies & Procedures
- Risk & Control Assessments
- Issues & Actions Management
- Incidents & Loss Events
- Scenarios & Modeling
- Dashboards & Reporting
- Key Risk & Performance Indicators
- Test Programs & Control Monitoring
- Regulatory Change Management
- TeamMate (Audit)



CRN (Compliance Resource Network)

Stay on top of the laws and regulations you are obligated to across all the jurisdictions in which you operate. Keep up to date with customizable daily alerts. Search our entire library with a single click and easily share your results across your organization.

The sheer volume of regulatory changes can make it difficult for any firm to keep abreast of key developments and make sure that nothing is missed. As regulatory activity increases, your first line of defense is knowledge. Compliance Resource Network is an expansive regulatory intelligence platform for information on the latest regulations, and provides the in-depth analysis needed to understand this rapidly changing environment. The content includes rules and regulations from Federal and State regulatory agencies as well as global coverage of hundreds of foreign jurisdictions.

For years, financial institutions, governing bodies and professional services firms have relied on us as the most trusted resource for regulatory commentary and analysis.

Compliance Resource Network is designed to ease your compliance workflow, providing easy access to:

Library of Legal & Regulatory Codes

- Full US Code, Code of Federal Regulations and Federal Register
- State level law and regulation tracking for financial services
- All publications from major regulators (CFPB, FDIC, OCC, Federal Reserve, FFIEC)

Smart Charts & Forms

- Graphically sorted topical groups for quick reference
- Easily exportable and distributable outside the system
- Interactive forms from all major federal regulators

Banking Compliance Publications

- Federal and State Banking Law Reporters with regular updates
- Other analytical texts focused on key financial services topics published by Wolters Kluwer

Daily News & Analysis

- Banking regulatory news publications including the Bank Compliance Library, Compliance Headquarters and State Banking and Law Daily
- Bank Digest that tracks all daily legislative & regulatory activity

Policies & Procedures

Assemble, revise and distribute policy manuals with flexibility, transparency, and accountability. Incorporate continuously updated content and best practices to maintain compliance with current regulations.

Recognizing the significant challenges banking institutions face in assembling, revising and distributing policy manuals, we created the Policies and Procedure module to automate the process and provide much needed visibility and accountability into the process.

The OneSumX GRC Policies and Procedures module allows you to easily manage policies and procedures across multiple authors, business units and geographic locations. Our expert authored content is relied on and trusted by hundreds of banks that want to efficiently and effectively implement best practices within their firms. With OneSumX GRC Policies and Procedures you get best-in-class:

Policy Management

- Draft and publish policy manuals for your bank while recording a history of changes and annotating the key drivers at each moment of change
- Maintain archive of past manuals with associated effective dates. Track updates to both manuals and individual chapters within the manual

Multi-User Security

- Support multiple editors/publishers based on individual policy chapter assignments and track editing changes
- Distribute policies for attestation to all relevant users (the system supports simple attestation or more complex surveys or self-assessments based on understanding of the policy information)

CONTENT

Library of Banking Policies

- Banking Compliance Content based on cited references to federal banking regulations
- Additional Policy Manuals focused on Safety and Soundness for Lending, Activities and Operations

Audit Procedures

- Testing Checklists for Compliance and Safety and Soundness help ensure that your compliance monitoring is tied to the core regulatory requirements

Risk & Control Assessments

Manage risk and control from the bottom up—and the top down. Identify and monitor compliance risks across the entire business, allowing for an enterprise-wide view.

The historical approach to risk assessment involves business line managers providing information through a framework devised by risk and compliance specialists. While the data gathered in this way is important, it only tells part of the story. OneSumX GRC Risk and Control Assessment functionality provides the high-level, whole-picture view required to effectively understand risk across the organization. OneSumX GRC enables you to:

- Automate risk assessment processes
- Schedule and distribute risk assessments to various stakeholders
- Maintain a central repository of risks and controls that can be assigned to multiple business units and owners
- View risks in historical context of associated issues and losses
- Customize scoring and calculation of inherent and residual risk
- Associate risks and review in context of authoritative sources, policies or relevant issues

Risk & Control Assessment Approaches

The Risk and Control Assessment function in OneSumX GRC enables a process by which all of the risks and controls relevant to a particular business unit are grouped together for review by a designated employee. This process can be set to run automatically (annually, quarterly, etc.) or initiated manually by the risk management team. This module is highly flexible, allowing for multiple approaches to assessing risks and controls. For example, each risk item can be associated with issues, actions, losses, references and indicators within the assessment, providing greater context to the user in the process.

Risk Details

When an individual risk is assessed, users can insert specific comments, raise an issue concerning the risk and its controls, and arrange to have the issue reviewed as part of the workflow. The risk team can set residual risk thresholds that when exceeded automatically prompt an issue.

Risk & Control Approval

The risk and control assessment process can be configured to include an approval procedure. Approved changes such as the addition of new risks are stored in the business unit's risk map. This approval procedure can have multiple stages and include multiple user roles.

CONTENT

Risk & Controls Libraries

OneSumX GRC comes complete with several risk and controls libraries that can be used as both a starting point for assessments and as a benchmark throughout the risk management process. These libraries contain standard risks and

controls for regulations and standards, including COBIT, HMDA, SOX, Basel II, and Solvency II. Each risk and control contains a pre-existing taxonomy of function, activity, process, risk category, and a linked authoritative source that allows users to report on overall risk by multiple angles across the enterprise.

Issues & Actions Management

Manage issues and actions in a central database. Understand and report risk consistently and automatically across the organization.

OneSumX GRC can be used as a firm's single repository for issue and action recording and management. Issues and actions are linked across the solution and can be included in workflows. OneSumX GRC's common issue and action management capability allows issues to be linked to risks, controls, and incidents. Issues and associated actions can be allocated to users and their resolution is recorded, tracked and reported automatically. The use of Issues and Actions management:

- Allows users to raise, prioritize and assign issues throughout the system
- Associates issues with actions and tracks back to policies, risks, controls or losses
- Provides effective Issue and Action workflow to resolve and close out issues within a set timeline
- Requires the raising of Issues out of failed control monitoring, KRIs that are beyond acceptable thresholds or other critical activities

Definition

Issues can be created by any user and can be linked to other data within the solution (e.g. risks, controls, losses, organizational units, applications, etc.). Multiple actions can be created and linked to an issue. Additional classification information can be defined for the purpose of querying and grouping of issues.

Alerts

Users receive alerts through their workspace, or by creating specific queries to alert them at different stages of the issue and action completion process.

Reports

A range of reports and inquiries allow managers at all levels of the organization to keep track of outstanding issues and the actions that are being taken to remediate them.

Incidents & Loss Events

Maintain a consistent, timely and structured approach to identifying, capturing, analyzing and reporting on operational incidents, losses, breaches and financial profit from errors.

Incident recording within OneSumX GRC promotes transparent, effective management of incidents, loss events and compliance breaches. Incident records can be used to highlight emerging trends, identify control gaps and underscore correlations between losses, risks and controls. The use of the incident recording function will:

- Promote transparent and effective management of incidents and minimize negative effects
- Drive root cause analysis that can be used to implement process improvements
- Highlight emerging trends and identify control gaps
- Underscore correlations between risks and controls
- Provide objective data that can be used to quantify operational risk for risk-based capital calculation
- Reinforce accountability for managing operational risk within the business
- Provide an independent source of information that can be used to challenge risk and controls assessment and Indicator data
- Demonstrate compliance with international and local regulations

Incident Templates

Incident data is captured using configurable templates, which are made up of a number of sections (breakdown, remedy, accounting, etc.) and a set of workflow stages. Users can define multiple templates in the system. Each business unit can define their own incident recording functionality in terms of these sections and the stages required. Users can configure OneSumX GRC for their own internal requirements.

Incident Details

Incidents may include a number of individual events that have different effects in terms of amounts, currencies and dates. All of these events may also have various different allocations within the accounts of the company. Incidents can be linked to associated Risks, Controls or Organization Units.

Incident Workflow

The incident recording function has a powerful and flexible workflow capability. An incident workflow may have many stages and participants such as approvers, observers and settlement staff. The workflow may change depending on the event's business unit and/or the incident amount.

Incident Queries

In order to assist in the analysis of events, OneSumX GRC provides incident query functionality. This enables users to find individual events and to create standard reports that show incidents in specific categories such as losses less than \$50,000, breaches in security and incidents in the last week. These queries may be edited, copied, emailed and scheduled to run as required.

Scenarios & Modeling

Leverage internal operational risk data to analyze scenarios and enable capital quantification for internal and regulatory purposes (i.e. Basel III and Solvency II).

Using OneSumX GRC you can explore what your future might look like and what levels of capital will be required to survive potential adversities. Scenario analysis and Capital Calculation functionality is integrated with the OneSumX GRC platform to take advantage of other relevant functions such as reporting, loss recording and enterprise indicators, giving you:

- Capability to conduct “What-if” analysis for both financial and environmental risks
- Configurable scenario planning
- Ability to add new or modified scenarios as required by regulators or strategic business planning
- Full coverage of risks by the latest directives for annual stress testing
- Integration with risk management system for reporting, monitoring, and governance

Capital Calculation

OneSumX GRC utilizes the Change of Measure Model that incorporates internal and external data and scenarios. This model is a robust and stable way of calculating operational risk capital due to its ability to combine internal and scenario data in arriving at a single capital number. This approach provides a way for financial institutions to use their business judgment and experience along with actual loss history. For financial institutions with no recorded loss data, our implementation provides ways of using industry level benchmark parameters for the size and type of the institution.

Scenarios

OneSumX GRC provides functionality allowing a business to record and manage scenarios. The system allows users to manage the identification, assessment and approval process of scenarios. Users can link to other parts of the risk framework (internal losses, outstanding issues, etc.) to scenarios.

Scenario workflow allows institutions to enforce a strict sign off process with an associated full audit trail. This ensures all relevant staff reviewed the scenario assessments and the organization has a full record of the scenario assessment process.

Dashboards & Reporting

Monitor risk and compliance performance through comprehensive and customizable reporting that provides visibility, accountability, and documentation at the enterprise level.

OneSumX GRC Dashboards and Reporting capabilities provide visibility into the status of issues, training programs, certifications and analysis of processes, risks and controls across the entire enterprise. Flexible reporting options include Online Views, Standard Configurable Reports and a Data Warehouse. The solution provides more than 100 standard risk management and risk analysis reports and dashboards, as well as regulatory reports (statistical, prudential) for more than 40 countries. The reports can be automatically published and distributed to different analysts/departments/managers. With OneSumX GRC, you get:

- Enterprise-wide holistic view of the state of risk
- An illustration of the balance between risk and opportunity
- Pre-built and configurable dashboards
- High-level views with the ability to drill-down to details
- Permission-based reporting

Standard Reporting

With over 100 standard reports covering all functional elements of the program, most users will be able to draw on the library to report relevant information to both line of business managers, as well as Executives and Regulators. For ongoing reporting for such areas as assigned issues and actions, users can subscribe to particular reports and get regular updates.

Dashboards

OneSumX GRC provides standard dashboard views with visual representations of your risk data. Each dashboard view also allows users to drill-down into the information for more detailed analysis.

Custom Reporting

Using the built-in report builder, users can generate their own reports with the appropriate fields and filters as well as visual charts and graphs. The report builder will automatically present you with the fields which are relevant and connected based on the topic on which you are reporting. Once created, these reports can be published for use by other users both as reports and dashboards.

Key Risk & Performance Indicators

Quantify and prioritize your risk and compliance information to support critical policy and business decisions—without being overwhelmed by large volumes of qualitative data.

OneSumX GRC reports critical risks in a concise and effective manner by using enterprise indicators to facilitate the quantification of risk and compliance information. Enterprise Indicators deliver the following key functionalities:

- Indicators enabling the production of dashboards at different levels—global, supplier, regional, business area
- Metrics underlying the indicators that can be manually loaded or fed automatically from other systems
- Executive-level KRI reporting across defined periods
- Easy to understand Red, Amber, Green (RAG) scoring
- Roll-up calculations from sub-indicators to parent indicators with drill-down reporting available

Multi-dimensional Metrics Can Be Recorded

There are several multi-level hierarchical structures that can be recorded against metrics. Example dimensions would be unit, product, location, project and supplier.

Business Users Are in Charge

The setup of the statements and indicators does not require IT involvement as users can perform these tasks. Indicator scorecards are multi-level and different scorecards can have different numbers of levels.

The collection and reporting processes can be separated and managed by different individuals within an organization. The system supports different user profiles such as administrator, scorecard owner, internal/external indicator provider and standard user.

Red, Amber & Green (RAG) Scores

Pre-defined thresholds can be set up from which OneSumX can calculate the RAG score of an indicator. Metric values and indicator scores can be automatically or manually loaded. The system can then automatically calculate RAG scores based on input values and present thresholds. It is also possible to override scores calculated by the system.

Control Monitoring & Test Programs

Be certain that controls are being operated effectively throughout your organization. Take action based on the actual status of a control's performance.

Assessing the performance of your controls is a different process than assessing and validating the risk and control environment—and just as important. OneSumX GRC Control Assurance and Testing will allow you to:

- Manage tests of controls within test programs
- Assign and manage resources to own responsibility of programs
- Use pre-designed or custom checklists to record and report on results
- Raise and address issues through the assessment process
- Reveal insufficiently controlled areas
- Manage workflow and approval of test programs

Control Assurance

OneSumX GRC provides certainty to management that an individual business unit's controls are being effectively operated by way of the control assurance report. This report is completed by business unit and contains a list of those controls within that unit that have been included in the Control Assurance process. When analyzing control assurance reports, it is possible to identify:

- The types of controls performed
- Controls that were not operated
- Uncontrolled risks

Control Testing

OneSumX GRC provides for the testing of control efficiency and effectiveness by the creation of a Test Program. A Test Program will define the parameters of the test, such as the users who will perform the test and the controls to be tested. It is possible to add references to a test as well as raise issues and actions—a task that may be necessary if the control effectiveness is less than anticipated.

CONTENT

Test Libraries

OneSumX GRC comes with a pre-installed library of regulatory checklists which are based on the individual requirements of banking regulations. Each question within the testing procedures references the regulatory citation from which it is sourced. These testing procedures are then updated on an ongoing basis to accommodate changes to the regulations and industry best practices.

Program Management & Regulatory Change Management

Manage programs across the organization including audit findings, regulatory change, or other initiatives. Track execution of the various assignments towards successful execution.

OneSumX GRC provides a platform for managing change programs, including regulatory change, which uses automated alerts and standard workflows to help firms assess the impact of changes, assign and monitor tasks, and audit the results of the program. Program Management provides organizations with a means of managing all of the separate risk, compliance and audit programs that they have to run, across a diverse range of business units, products, jurisdictions, etc. The use of Program Management will:

- Allow for consolidated tracking of multiple cases and assignments at the individual program level
- Distribute individual cases to multiple stakeholders across the enterprise
- Define standard tasks and supporting materials for all involved in executing an assignment
- Provide high-level transparency of success in executing to deadlines

Program Creation

Programs can be generated through manual entry or via an automated data feed of regulatory changes that impact your specific business profile. A program includes a high-level summary of requirements and important dates as well as any supporting materials. Within each program, users can create associated cases that need to be distributed across the organization.

Assignment Distribution

Each case can be distributed across the organization to appropriate contributors. Each user will receive alerts throughout the phases of the assignment and will be provided with the opportunity to accept the assignment and provide all necessary response and supporting materials within the system.

Reporting & Tracking

Individual reports can be scheduled and distributed across the organization for stakeholders to track the ongoing success and execution of all relevant programs. High-level executive dashboards demonstrate the overall completion of assigned tasks.

TeamMate (Audit)

Manage the audit process from start to finish. Spend less time documenting and reviewing—and more time growing your business.

TeamMate's award-winning audit management software system increases the efficiency and productivity of the entire internal audit process, including scheduling, planning, execution, review, report generation, trend analysis, audit committee reporting and storage.

By providing an integrated paperless strategy for managing audits, TeamMate's audit software eliminates the barriers associated with paper-filled binders and disconnected electronic files, driving efficiencies into all facets of the internal audit workflow.

Integrated Audit Software Suite

From start to finish, TeamMate provides a streamlined process for managing your audit process. The TeamMate software suite promotes seamless dataflow for all aspects of your work through five integrated modules:

- TeamEWP (Electronic Working Papers) - a complete audit documentation system
- TeamSchedule - a comprehensive tool for scheduling your staff and audits
- TeamTEC - a web-based tool for capturing and reporting on time and expenses related to audit projects and tasks
- TeamCentral - a powerful database with web-based access for tracking audit projects, issues and recommendations

Integration with Control Monitoring

The OneSumX GRC platform provides the enterprise holistic risk management view by allowing audit to pull controls from the centralized repository into their tests and then pushing test results and issue remediation plans back into the line of business. The test results and issue remediation plans are attached at a minimum to the line of business and are carried through in their risk assessment process and any reporting.



About Wolters Kluwer Financial Services

Wolters Kluwer Financial Services provides more than 15,000 customers worldwide with risk management, compliance, finance and audit solutions that help them successfully navigate regulatory complexity, optimize risk and financial performance, and manage data to support critical decisions. With more than 30 offices in 20 countries, our prominent brands include: AppOne[®], AuthenticWeb[™], Bankers Systems[®], Capital Changes, CASH Suite[™], GainsKeeper[®], NILS[®], OneSumX[®], TeamMate[®], Uniform Forms[™], VMP[®] Mortgage Solutions and Wiz[®]. Wolters Kluwer Financial Services is part of Wolters Kluwer, which had 2013 annual revenues of €3.6 billion (\$4.7 billion), employs 19,000 employees worldwide, and maintains operations in over 40 countries across Europe, North America, Asia Pacific, and Latin America. Wolters Kluwer is headquartered in Alphen aan den Rijn, the Netherlands. Its shares are quoted on Euronext Amsterdam (WKL) and are included in the AEX and Euronext 100 indices. Please visit our [website](#) for more information.

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