

DOCUMENT AUTOMATION SOFTWARE

GOVERNANCE, RISK MANAGEMENT, AND COMPLIANCE

HOW TO STRENGTHEN YOUR ORGANISATION'S DEFENCES

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Managers

Abstract: Organisations can strengthen their three lines of defence,

following the ECIIA benchmark for regulatory guidance, with ActiveDocs, and reduce the effort associated with handling

Governance, Risk Management, and Compliance.

AUCKLAND



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Contents

1	Summary	1
2	Global Compliance Requirement Landscape	2
3	What is Governance, Risk Management, and Compliance (GRC)?	8
3.1	Definition of GRC	8
3.2	Role of GRC within Large Enterprises	
4	Organisational three lines of defence	10
4.1	1st Line of Defence	10
4.2	2 nd Line of Defence	10
4.3	3 rd Line of Defence	10
4.4	External Audit and Regulators	10
5	Governance, Risk Management, and Compliance with ActiveDocs	11
6	How ActiveDocs customers solved their GRC issues	15
6.1	Royal Dutch Shell – GRC in global HR	15
6.2	Ricoh – GRC in Sales	16
6.3	Bayer – GRC in pharmaceutical industry	17
6.4	ABB – GRC in Contract Management	18
7	Conclusions	19



1 Summary

The development of the trio of Governance, Risk Management, and Compliance is increasing the demand on the resources of organisations world-wide. It is becoming more difficult to keep up with the growing requirements of legislation and industry-specific regulations. In response, organisations need a system of defenses against the consequences of non-compliance in order to reduce their risk exposure. The European Confederation of Institutes of Internal Auditing (ECIIA) has issued benchmark guidance for regulatory compliance mechanisms recommending a 'three lines of defense' model to improve organisations' governance and reduce overall risk exposure. ActiveDocs is an enterprise-grade tool that strengthens all three lines of defense, and has been used by large global organisations such as Shell, Bayer, ABB, and many others.



2 Global Compliance Requirement Landscape

Increasingly tighter compliance requirements have been imposed on all aspects of running of a business. This has been of particular importance within the realm of both internal and external communication, and reporting within the business. Every piece of outgoing external communication can be subjected to scrutiny under multiple applicable laws and industry-specific regulations. Even internal communication has become increasingly regulated, following the slow-moving wave of accounting audit regulations that started with the Sarbanes-Oxley Act, and has extended into other auditable areas of business.

Examples of both internal and external communication that can be subjected to legal and regulatory scrutiny are shown below.

Employment contracts Shareholder reporting

Insurance policies Internal policies and procedures
Business contracts Police/security check documentation

Contractor agreements Contracts
Promotional emails Proposals

Business emails Business correspondence

Customer communication Insurance policies
Helpdesk communication Financial statements
Purchase agreements Customer communication

RFP responses Quotes

Accounting reports

Online statements

Board reports

Loyalty/reward program

communication

Many of the listed types of communication and documents are required to comply with multiple laws and regulations.



Employment Contracts

USA

Federal Legislation and Regulations

Fair Labor Standards Act National Labor Relations Act Occupational Safety and Health Act
Employee Retirement Income Security Act Family and Medical Leave Act
Labor Management Reporting and Disclosure Act

State specific employment legislation

Industry specific regulations

At least 6 country-level laws, state-specific regulations, industry-specific regulations

UK (England, Wales)

Employment Rights Act National Minimum Wage Act National Minimum Wage Regulations Working Time Regulations Working Time Directive
Maternity and Parental Leave, etc Regulations Paternity Leave Regulations Paternity and Adoption Leave Regulations

Parental Leave Directive
Transfer of Undertakings (Protection of Employment)
Regulations (If a company istaken over)
Health and Safety at WorkAct

Trade Union and Labour Relations (Consolidation) Act Pensions Act Finance Act Income Tax (Earnings and Pensions) Act

Equality Act

At least 16 country-level laws, industry-specific regulations

Penalties for non-compliance

Up to \$500,000 and 5 years in prison

Unlimited fine and up to 2 years in prison

Employment Contract (continued)

New Zealand

Employment Relations Act 2000 Health and Safety in Employment Act 1992 Parental Leave and Employment Protection Act 1987 Parental Leave and Employment Protection Regulations 2002

Industry Specific Health and Safety in Employment (Adventure Activities) Regulations 2011

Health and Safety in Employment (Asbestos) Regulations 1998 Health and Safety in Employment (Mining Administration)

Regulations 1996 Health and Safety in Employment (Mining—Underground) Regulations 1999 Framework for the Accredited Employers Programme

At least 4 country-level laws and regulations, industry-specific regulations

Australia

Fair Work Act 2009 Fair Work Amendment Act 2013 Fair Work Regulations 2009 Fair Work Australia Rules 2010 Small Business Fair Dismissal Code Small Busness Fair Dismissal Code
Fair Work (State Declarations—employers not to be national system employers) Endorsement 2009
Workplace Relations Act 1996
Workplace Relations Regulations 2006

At least 8 country-level laws and regulations, state regulations, industry-specific regulations

Penalties for non-compliance[†]

Up to \$500,000 and 2 years in prison

Up to \$51,000 per offence incident



Insurance Policies

USA

Federal Legislation and Regulations

Homeowners Insurance Protection Act of 2013 Competitive Health Insurance Act
Federal Life Insurance Transparency Act
Terrorism Risk Insurance Act of 2002 Reauthorization Act of

Insurance Consumer Protection and Solvency Act of 2013 Access to Insurance for All Americans Act Small Farm Insurance Act of 2013

Dental Insurance Fairness Act of 2013
Social Security Disability Insurance for the Terminally III Act of

2013 Insurance Capital and Accounting Standards Act of 2013 SecuritiesAct

McCarran-Ferguson Act 1945 – Historical de-centralization of regulation of insurance in USA which resulted in State specific

Insurance regulation bodies – Insurance Commissioners/Directors of Insurance/Commissioners of Insurance/Superintendents of Insurance

> At least 11 country-level laws, state-specific regulations, industry-specific regulations

UK (England, Wales)

Contracts (Applicable Law) Act Insurance Conduct of Business Sourcebook Financial Services Authority Regulations Third Parties (Rights against Insurers) Act

> At least 5 country-level laws, industry specific regulations

Penalties for non-compliance

Unlimited fine and up to 10 years in prison

Unlimited fine and up to 10 years in prison

Insurance Policy (continued)

New Zealand

Insurance Law Reform Act 1985 Fair Trading Act 1986

Accident Insurance (Insurer Returns) Regulations 1999 Accident Insurance (Interest on Crown Advances) Regulations

FRS-35: Financial Reporting of Insurance Activities

FRS-34: Life Insurance Business Insurance Intermediaries Act 1994

Insurance (Prudential Supervision) Act 2010 Insurance (Prudential Supervision) Regulations 2010

NZ IFRS 4: Insurance Contracts

Securities Act

Australia

Insurance Act 1973 Corporations Act 2001 Insurance Contracts Act 1984 Insurance (Agents & Brokers) Act 1984 Financial Services Reform Act 2001

General Insurance Code of Practice (self-regulatory code)

Regulations issued by: Australian Prudential Regulation Authority Australian Securities and Investment Commission

At least 10 country-level laws and regulations, industry-specific regulations

At least 5 country-level laws, industry-specific regulations

Penalties for non-compliance[†]

Unlimited fine

Unlimited fine and up to 10 years in prison



B2B Contracts – Contractor Agreements etc.

ISA

Federal Legislation and Regulations

Uniform Commercial Code

State specific contract regulations

State-specific regulations and conformance to the Uniform Commercial Code

UK (England, Wales)

Sale of Goods Act Supply of Goods and Services Act Contracts (Applicable Law) Act Enterprise Act 2002

At least 3 country-level laws, industry-specific regulations

Penalties for non-compliance[†]

Unlimited fine

Unlimited fine and up to 2 years in prison

New Zealand

Fair Trading Act 1986
Sale of Goods Act 1908
Contracts (Privity) Act 1982
Illegal Contracts Act 1970
Construction Contracts Act 2002
Construction Contracts Regulations 2003
Public Bodies Contracts Act 1959

At least 5 country-level laws

Australia

Trade Practices Act 1974 Contracts Review Act Competition and Consumer Act 2010 Corporations Act 2001

State specific legislation with a number of common law precedents

State-specific legislation with a number of common law precedents and compliant with federal law

Penalties for non-compliance[†]

Unlimited fine

Unlimited fine and up to 10 years in prison



B2C Contracts – Purchase agreements, quotes, sales documents

USA

Federal Legislation and Regulations

Wall Street Reform and Consumer Protection Act Fair Debt Collection Practices Act Fair Credit Reporting Act Truth in Lending Act Fair Credit Billing Act

State specific consumer protection regulations

At least 5 country-level laws, state-specific consumer protection regulations, industry-specific regulations

UK (England, Wales)

Unfair Contract Terms Act
Consumer Credit Act
Under the Trade Descriptions Act
Consumer Protection Act
Contracts (Applicable Law) Act
Unfair Terms in Consumer Contracts Regulations 1999,
Consumer Protection (Distance Selling) Regulations 2000
Electronic Commerce Regulations 2002
General Product Safety Regulations 2005

At least 8 country-level laws, industry-specific regulations

Penalties for non-compliance

Unlimited fine

Unlimited fine and up to 2 years in prison

New Zealand

Consumer Guarantees Act
Sale of Goods Act 1908
Fair Trading Act
Credit Contracts and Consumer Finance Regulations 2004
Illegal Contracts Act 1970
Minors' Contracts Act 1969
Motor Vehicle Sales Act
Credit Contracts and Consumer Finance Act
Layby Sales Act
Financial Service Providers (Registration and Dispute
Resolution) Act

At least 9 country-level laws, industry-specific regulations

Australia

Australian Consumer Law (ACL)
Underpinned by the Intergovernmental Agreement (IGA) for ACL

Competition and Consumer Act 2010

Country-wide consumer protection law

Penalties for non-compliance[†]

Unlimited fine

Unlimited fine and up to 2 years in prison

Every single piece of communication is typically affected by at least 5 different laws, regulations, ordinances, common law, and industry-specific standards. Communication templates, or "gold standards", are initially created by individuals and teams who are aware of the legal obligations that are associated with their release. When these "gold standards" become used organisation-wide, and changes to them are necessary, users do not tend to get their modifications approved by the experts. The ad-hoc nature of amendments to the "gold standard" templates may result in legal non-compliance or obligations that the organisation may not wish to make or cannot fulfil. Non-compliance, in most cases, is not caused by malicious intentions, but mere lack of awareness of the specific requirements that are imposed on the content that has been modified.

Note that the indicated penalties are the maximum, and will vary with the severity of the offence, usually up to the amount that is sufficient to compensate for the harm caused by non-compliance. An organisation may be liable to pay fines under multiple legislations.



Organisations decide to implement Governance, Risk Management, and Compliance solutions not only to strengthen their defences against the exposure to litigation, and penalties associated with non-compliance, but also to establish more robust business processes that can be more easily managed and controlled internally.



What is Governance, Risk Management, and Compliance (GRC)?

3.1 Definition of GRC

The definitions of these terms vary. However, the widely accepted definition has been provided by Gartner:

3.1.1 Governance

The process by which policy is set and decision making is executed.

3.1.2 Risk Management

The process for preventing an unacceptable level of uncertainty in business objectives with a balance of avoidance through reconsideration of objectives, mitigation through the application of controls, transfer through insurance and acceptance through governance mechanisms. It is also the process to ensure that important business processes and behaviours remain within the tolerances associated with policies and decisions set through the governance process.

3.1.3 Compliance

The process of adherence to policies and decisions. Policies can be derived from internal directives, procedures and requirements, or external laws, regulations, standards and agreements.

3.2 Role of GRC within Large Enterprises

With the growing requirements that organisations face in the fields of governance, risk management, and compliance, GRC software may sometimes be considered, or hoped to be, the plug-and-play solution that will satisfy all GRC needs of the organisation. It is crucial, however, that the organisation is fully aware of the environment it operates in, can identify the compliance requirements that are relevant to its operations, is able to determine which processes are responsible for good governance, which processes make it possible to manage and control the risk that every environment and all business activities carry, and how to achieve compliance with all relevant laws, regulations, and industry standards. Only then can a qualified decision be made as to: (a) whether GRC software can address the issues the organisation encounters or internal process optimisation is needed prior to implementing a software solution, and (b) how requirements can be gathered so that a GRC software solution that meets the requirements can be selected.

The primary goal of every deployment of GRC software should be to strengthen the organisation's defences against unwanted outcomes of business processes. As an example of the process, let us consider the issuance of an insurance policy with multiple endorsements. The desired outcome of this process is a policy document that accurately reflects the level of risk associated with the specific case, includes the latest terms and conditions, is issued to the parameters specified by the customer, and complies with all relevant laws and regulations. There are, however, multiple possible unwanted outcomes with different degrees of impact on the issuing organisation. The policy may be issued with minor mistakes or omissions that are discovered, and consequently must be corrected. The parameters of the policy may not reflect the risk associated with the endorsements that were issued, thus exposing the organisation to greater degrees of financial risk. The



endorsements that were issued may have not been approved by the relevant regulatory body, thus exposing the insurer to penalties and litigation. GRC software must strengthen the organisation's defences against these undesirable outcomes, and must make it possible to monitor the overall risk exposure by assuring auditability of all relevant processes.

Every organisation is different and has specific GRC needs, and may wish to control and audit disparate processes with a single software solution. It is important that the selected GRC solution can satisfy the requirements set out by the compliance and auditing teams in their entirety. If no single GRC software is found to be able to meet those requirements, then the "best-of-breed" solutions targeted at their respective areas of expertise should be utilised. It is worth noting that some GRC solutions focus on passive monitoring and evaluation of the risks that are known to exist in the business; some are point solutions that reduce exposure in one area of the business; and some combine all aspects of GRC i.e. risk reduction, correct procedure enforcement, risk exposure evaluation, and provision of audit data. GRC software is nearly always required to integrate with existing solutions and data sources, and must be able to do so utilising industry open standards of connectivity.



4 Organisational three lines of defence

The European Confederation of Institutes of Internal Auditing issued the benchmark regulatory guidance for organisational defence. The scheme is based on the three lines of defence that encompass all management activities. This includes the line of business processes, control mechanisms, and internal audit.

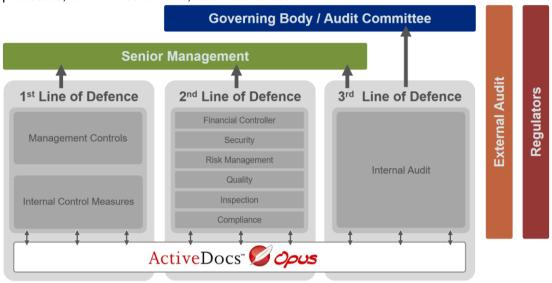


FIGURE 1: BENCHMARK MODEL FOR REGULATORY GUIDANCE (SOURCE: ECIIA, JUNE 2013)

4.1 1st Line of Defence

The 1st Line of Defence involves the mechanisms that touch on line-of-business processes. The business processes must be robust and controllable. The operational management takes ownership of the processes, is accountable for assessment, and proactively takes actions to mitigate risks associated with the activities for which they are responsible.

4.2 2nd Line of Defence

The 2nd Line of Defence in the organisation assists the risk owners, and reports the relevant risk information both up and down the organisation. Appropriate segregation of duties and access control is crucial. This line of defense monitors the implementation of risk management practices by operational management.

4.3 3rd Line of Defence

The 3rd Line of Defence provides assurance to the senior management and the governing body. It provides a representation of the state of the risk management framework implemented throughout the organisation.

4.4 External Audit and Regulators

The external auditor contributes as an outside body, providing assurance regarding compliance with current legislation and regulations that are applicable to operations of the organisation.

The detailed explanation of the Three Lines of Defence model can be downloaded from ECIIA website:

http://eciia.eu/wp-content/uploads/2013/09/OCV-3.2-3LD-Model.pdf



5 Governance, Risk Management, and Compliance with ActiveDocs

ActiveDocs can contribute to all three lines of defence across a range of processes in the organisation. Its unique feature set makes it possible to address all three essential needs of GRC: (1) reduce the level of risk that is inherently associated with business activities, (2) enforce that the correct procedures are followed, and (3) evaluate overall risk exposure and provide auditing data.

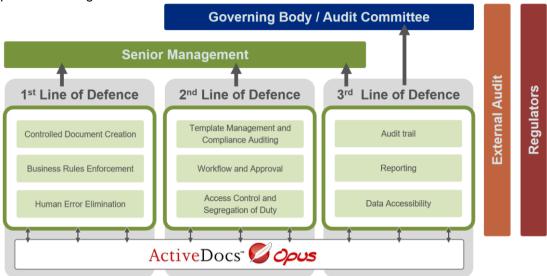


FIGURE 2: ACTIVEDOCS FUNCTIONALITY MAPPING ONTO ECIIA BENCHMARK MODEL FOR REGULATORY GUIDANCE

ActiveDocs' functional areas are mapped onto the three lines of defence of the ECIIA model. This can assure that the organisation's defences have been strengthened by the means of making the business processes more robust. Management is fully in control and can assure that the correct procedures are in place. The audit team is empowered by the ability to monitor the business in real-time, and have easy access to audit data.

The following diagrams illustrate how ActiveDocs can be used to strengthen each line of defense. The ability to address all three lines of defense is crucial to every successful enterprise-wide deployment of any GRC solution. ActiveDocs' unparalleled capabilities across all lines of defense make it an essential tool in organisations' overall GRC strategy.



1st Line of Defence

Line of Defence **Threats** Mechanisms Incorrect data input policies. Internal Control Measures Copyand paste of inappropriate content Deliveryto ActiveDocs. unintended recipients Incorrect

Management

Controls

communication

type use

Low

awareness of

business rules

ActiveDocs Toolkit Applied at the Line of Defence

Controlled Document Creation

ActiveDocs makes it possible to control how documents are created and what content appears in documents. The user can only use the latest, up-to-date, and approved template; has only access to creation of communication that is appropriate to their role at the organisation; and ActiveDocs can ensure that the produced output complies with the set policies

Business Rule Enforcement

Business rules must be enforced to ensure that the content that appears in the produced communication is compliant. The user should not be asked to make decisions about the content. In ActiveDocs, the subject matter experts or business analysts can define the business rules through an easy-to-use rules engine that requires no programming or knowledge of a specific syntax. Rules can be defined in natural language, and the system enforces the application of business rules throughout the processes driven by ActiveDocs.

Human Error Elimination

Every time communication is produced, whether it be a document or an email, both externally and internally, there is the risk that human error will expose the organisation to a variety of risks. For example, was the email addressed to an unintended recipient? Were the contact details of another customer left in the new contract? Did the employee commit to an obligation the organisation does not want to commit to? Were outdated or inapplicable terms and conditions attached? ActiveDocs can ensure that the actions are driven by expertly-defined processes and business logic. Validation criteria can be set to make it impossible to commit to an obligation outside defined boundaries. The advanced business rules linked with ActiveDocs Content Manager can enforce the use of relevant, approved, and upto-date content.



2nd Line of Defence

Threats

Line of Defence Mechanisms

ActiveDocs Toolkit Applied at the Line of Defence



Unauthorised access to protected information

Financial Controller

Approval

bypassing

Security



Impossible to monitor communication

Risk Management



Unauthorised changes to processes and templates

Quality



Overlapping duties



Unauthorised modification of content

Compliance

Inspection

Template Management and Compliance Auditing

Every change to the business logic that drives the organisation's processes must be auditable. The second line of defence demands that senior management has control over the design of their business processes to ensure compliance with legal and regulatory demands, that the process follows the correct sequence of steps, and it is transparent and auditable. ActiveDocs Template Management and Compliance Auditing module makes it possible to manage individual Design Components of business processes, and to monitor the creation and changes to individual components.

Workflow and Approval

Workflows and approval processes must assure that each and every process, every template, every document or piece of communication, can be reviewed by the people who are accountable for their compliance. ActiveDocs smart workflows make it easy to determine the parameters of the approval process. Does an individual or a group of people need to approve the template, the document, the piece of reusable content or other components of the process? Does the approval process need to start only when a boundary limit is approached? For example, a sales proposal may only need approval if the profit margins on sold goods and services are too low, because the sales person discounted heavily. In addition, ActiveDocs makes it possible to easily integrate with third party BPM and workflow engines.

Access Control and Segregation of Duty

It is crucial that access to actions and content within the system can be defined with high granularity. Subject matter experts should be able to modify the aspects of the process, or communication that is within their area of expertise; however, they should not be able to carry out modifications outside of the area of their expert knowledge. For example, engineers may be able to modify descriptions of the organisation's products, but they should only have read-only access to the terms and conditions documents that are managed by the legal team. In addition, segregation of duties should enforce that, for example, the person who creates the communication is not the person who can approve the communication, if approval is required. Within ActiveDocs, user access rights and privileges with the system can be defined with high granularity. The user can be given access to an individual process or a piece of communication, and they can be assigned only the privileges that their role requires (e.g. document creation, or approval, or editing, etc.).



3rd Line of Defence

Threats Line of Defence Mechanisms Unauditable actions Inability to provide required audit data

ActiveDocs Toolkit Applied at the Line of Defence

Audit trail

It is important that all steps and actions within high-impact processes are auditable. This allows organisations to perform internal audits. The audit team is typically an independent entity that directly reports to the governing body, and provides an independent view of the organisation's level of compliance. It is crucial that audit data is complete and accessible to the team of auditors. The ActiveDocs Compliance Auditing module makes it easy to access the compliance data that is relevant not only to the output of the system, and the users, but also in-depth auditing of changes to the configuration of processes, templates, business logic, validation criteria, and many other aspects of the system. The detailed and accessible audit data can provide the accurate representation of the true level of compliance within the organisation.

Internal Audit

Reporting

Reporting is an essential component of the ongoing auditing processes. Live data from the system aids decision-making processes. Customisable reports should show the parameters that are important to the organisation. ActiveDocs Reporting provides system reports, billing reports, and process and document reports that are easy to configure and customise. In addition, if a business intelligence (BI) platform is already in place, ActiveDocs can feed data into the existing BI dashboards.

Data Accessibility

The audit team must be able to access the data they need without having to create multiple proprietary connection points into the systems and processes that require auditing. ActiveDocs provides the audit data in industry standard formats, which makes it easily accessible to auditing and BI tools.



Outdated data

provided for

purposes

audit



6 How ActiveDocs customers solved their GRC issues

Several specific examples of how some ActiveDocs customers solved their GRC issues are presented in tables below. Case studies are available, and can provide more detailed descriptions of the solutions.

6.1 Royal Dutch Shell - GRC in global HR

Shell	1 st Line of Defence	2 nd Line of Defence	3 rd Line of Defence
Line of defence issue	Manual creation of HR documents, business rules implemented as written instructions.	Proliferation of hundreds of templates, users able to use outdated templates. Every document manually reviewed after creation, time consuming, not all errors can be caught.	Difficult to audit templates and instructions due to proliferation of multiple versions of templates with no central repository.
ActiveDocs solution	Single button document creation where the content is determined by business rules, and the data is supplied automatically from the central ERP SAP system.	Templates undergo rigorous approval processes. Central template and content repository. Individual document parameters checked at the time of document creation. Workflows driving post-creation approval processes where required.	Easy access to audit data from a single central location.

For detailed description of ActiveDocs solution at Shell, please refer to: Royal Dutch Shell Case Study (https://www.activedocs.com/case_studies/shell.html)



6.2 Ricoh - GRC in Sales

RICOH	1st Line of Defence	2 nd Line of Defence	3 rd Line of Defence
Line of defence issue	Sales proposals containing inaccurate pricing information and product descriptions.	Difficult to review and change proposal templates. No controlled workflow processes.	No centralised access to proposal data, no auditable link between sales data and the information in proposals.
ActiveDocs solution	Automated creation of sales proposals utilises live pricing and product description data.	Smart workflows determine which proposals need to be approved and by whom.	Central access to data on issued sales proposals with the ability to establish an auditable link with the actual sales.

For detailed description of ActiveDocs solution at RICOH, please refer to: RICOH Case Study (https://www.activedocs.com/case_studies/ricoh.html)



6.3 Bayer - GRC in pharmaceutical industry

BAYER	1st Line of Defence	2 nd Line of Defence	3 rd Line of Defence
Line of defence issue	Manual creation of sensitive multi-legislation contracts was a manual process.	Legal teams have had to be involved throughout the process of contract creation to assure compliance with multiple legislation and regulation environments.	Audit of contract parameters based on manually populated metadata and may have required inspection of individual documents to obtain additional information.
ActiveDocs solution	Creation of documents driven by business rules automatically includes correct wording for the given case and legal environments.	Smart approval workflow processes where ActiveDocs integrates with Bayer's SharePoint platform and Nintex workflows.	Metadata populated automatically, ensuring accuracy. ActiveDocs reporting makes it possible to access document parameters easily in industrystandard formats and via ActiveDocs Reports.

For detailed description of ActiveDocs solution at Bayer, please refer to: Bayer Pharmaceuticals Case Study (https://www.activedocs.com/case_studies/bayer.html)



6.4 ABB - GRC in Contract Management

ABB	1st Line of Defence	2 nd Line of Defence	3 rd Line of Defence
Line of defence issue	Contract content manually copied and pasted from a variety of disparate data sources could cause inaccuracies in the produced contractual documents.	Low transparency of the contract creation process, inaccurate or missing metadata, difficult to review produced contracts, manual filing into contract management software Selectica.	Difficult to perform contract audit, no easy access to data about contract content or the origin of data in the documents.
ActiveDocs solution	ActiveDocs assembles contracts automatically, based on standardised business rules, and utilises the latest, approved, content.	Easy to control contract creation where templates, reusable content, and business rules can be approved prior to being used for contract creation. The contract approval process can be simplified, and the contracts are automatically filed into Selectica, which is used for contract management.	Easy access to data that was used to generate the contract documents.

For detailed description of ActiveDocs solution at ABB, please refer to: ABB Case Study (https://www.activedocs.com/case_studies/abb.html



7 Conclusions

Governance, Risk Management, and Compliance demands have been increasing, and the demands on compliance and audit teams within organisations world-wide have been growing. The Three Lines of Defense framework can be adopted to strengthen an organisation's ability to cope with legislation and regulatory pressures.

ActiveDocs is a tool that can provide unparalleled levels of support to all three lines of defence. It can be used to make any organisation's line-of-business processes more robust, to put control mechanisms in place that enforce the correct procedures, and to enable and simplify internal audit practices.