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110

Abstract

111 The increasing frequency, creativity, and severity of technology attacks means that all enterprises

should ensure that information and communication technology (ICT) risk is receiving

appropriate attention within their enterprise risk management (ERM) programs. Specific types of

114 ICT risk include, but are not limited to, cybersecurity, privacy, supply chain, and artificial

115 intelligence risk. This document provides a framework of outcomes that applies to all types of

116 ICT risk. It complements NIST Special Publication (SP) 800-221, Enterprise Impact of

117 Information and Communication Technology Risk, which focuses on the use of risk registers to

118 communicate and manage ICT risk.

119

Keywords

120 enterprise risk management (ERM); enterprise risk profile (ERP); enterprise risk register (ERR);

121 information and communication technology (ICT); ICT risk; ICT risk management (ICTRM);

122 ICT risk measurement; ICT Risk Outcomes Framework (ICT ROF); risk appetite; risk register;

- 123 risk tolerance.
- 124

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Audience

128 The primary audience for this publication includes both Federal Government and non-Federal

129 Government professionals at all levels who understand ICT but may be unfamiliar with the

details of ERM. The secondary audience includes both federal and non-Federal Government

131 corporate officers, high-level executives, ERM officers and staff members, and others who

132 understand ERM but may be unfamiliar with the details of ICT.

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187	Table of Contents			
188	1	Introduction	1	
189		1.1 Purpose and Scope	1	
190		1.2 Publication Contents	1	
191	2	Information and Communications Technology Areas	2	
192	3 ICT Risk Outcomes Framework			
193	References12			
194				
195		List of Appendices		
196	Appendix A— Acronyms13			
197				

198 **1** Introduction

199 The increasing frequency, creativity, and severity of attacks against technology means that all 200 enterprises should ensure that information and communication technology (ICT) risk is receiving

201 appropriate attention within their enterprise risk management (ERM) programs. Specific types of

202 ICT risk include, but are not limited to, cybersecurity, privacy, supply chain, and artificial

203 intelligence risk.

204 **1.1 Purpose and Scope**

205 This document provides a framework of outcomes that applies to all types of ICT risk. It

206 complements NIST Special Publication (SP) 800-221, Enterprise Impact of Information and

207 *Communication Technology Risk* [SP800221], which focuses on the use of risk registers to

208 communicate and manage ICT risk. Before reading this publication, you should first read NIST

209 SP 800-221 so that you understand the concepts and context for the information contained in the

210 framework of outcomes.

211 NIST has already defined outcome-based frameworks for several types of ICT risk, including the

212 Cybersecurity Framework [CSF], the Privacy Framework [PF], and the Secure Software

213 Development Framework [SSDF]. The outcomes in those frameworks are effectively more

214 specific instances of the outcomes in the more general framework defined in this publication.

215 **1.2** Publication Contents

- 216 The remainder of this publication is organized into the following major sections:
- Section 2 provides an overview of ICT processes as a context for ERM.
- Section 3 defines the framework of ICT risk outcomes and explains the significance of each field within the framework.
- The References section defines the references cited in this publication.
- Appendix A contains acronyms used in the publication.

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222 2 Information and Communications Technology Areas

- 223 ERM is the highest terminus of ICT risk management (ICTRM). As with NIST SP 800-221, the
- 224 processes described within this publication focus on ICTRM within, between, and across ICT
- areas. ICTRM helps ensure that leaders and stakeholders are supported by a holistic risk
- 226 monitoring and communication model,
- 227 which is needed for the complexity of risks
- at the enterprise level.
- 229 An ICT Risk Outcomes Framework (ROF)
- 230 is needed to support ICT risk escalation and
- elevation, as well as reduce ICTRM
- 232 complexity. While the focus of many risk
- 233 management program frameworks is the
- 234 comprehensiveness of each program's
- controls, the ICT ROF focuses on the
- 236 comprehensiveness of overarching risk
- 237 governance and management. Specifically,
- the ICT ROF enumerates distinct outcomes
- associated with the ICTRM process
- 240 described in NIST SP 800-221 and
- 241 illustrated in Figure 1.

242 The risk governance outcomes of the ICT

- 243 ROF are meant to be applied at select levels
- in a given organization. Typically, risk
- 245 governance will occur at the enterprise
- 246 level, and may also occur at the
- 247 organization level.

248 The risk management outcomes of the

- 249 ICT ROF may be applied at all levels in a
- 250 given organization. The risk management
- 251 outcomes are highly relevant to individual
- 252 risk management programs and may be
- 253 used alongside risk management program
- 254 frameworks.



Figure 1: ICTRM Process

255 3 ICT Risk Outcomes Framework (ROF)

256 This section defines the ICT ROF, a framework for integrating ICT risk with enterprise risk. The 257 ICT ROF is a set of desired outcomes and applicable references that are common across all types 258 of ICT risk. It provides a common language for understanding, managing, and expressing ICT 259 risk to internal and external stakeholders. It can be used to help identify and prioritize actions for 260 reducing ICT risk, and it is a tool for aligning policy, business, and technological approaches to 261 managing that risk. Using the framework for each type of ICT risk will help organizations improve the quality and consistency of ICT risk information they provide as inputs to their ERM 262 263 programs. That, in turn, will help organizations address all forms of ICT risk more effectively in 264 their ERM.

- 265 The ICT ROF is comprised of the following components:
- **Functions** organize ICT risk outcomes at their highest level. There are two Functions:
- 267 O Govern (GV): Develop and implement the organizational business logic for risk
 268 management, and ensure risk management is performed according to that business
 269 logic.
- 270 **Manage (MA):** Continuously identify and address risks in accordance with the organization's risk management policies, processes, and priorities.
- **Categories** are the subdivisions of a Function into groups of ICT risk outcomes closely 273 tied to programmatic needs and particular activities. Examples of Categories include:
- 0 Roles and Responsibilities (GV.RR)
- 275 o Risk Analysis (MA.RA)
- 0 Risk Monitoring, Evaluation, and Adjustment (MA.RM)
- **Subcategories** further divide a Category into specific outcomes of technical and/or management activities. While not exhaustive, they help support achievement of the outcomes in each Category. Examples of Subcategories include:
- 280 OKAR-1: Risk governance roles and responsibilities are established and communicated.
- MA.RA-1: The likelihood of each risk event is estimated using risk assessment techniques and probability models.
- MA.RM-4: When risk exceeds risk tolerance, changes to risk responses are identified and planned.
- Informative Examples are one or more notional examples of how tools, processes, or
 other methods could be used to help achieve a Subcategory. No examples or combination
 of examples are required, and the stated examples are not the only feasible options. Some
 examples may not be applicable to certain organizations and situations. Examples of
 Informative Examples include:
- For GV.RR-1: An organization establishes which roles are responsible for
 documenting risk appetite and policy, as well as performing risk oversight.

- 293 • For MA.RA-1: Bayesian models, event tree analysis, or similar techniques are 294 used to determine the likelihood of a risk, and that information is recorded in the 295 Current Assessment – Likelihood field in a risk register. 296 For MA.RM-4: KRIs are monitored to determine when risk exceeds risk 0 297 tolerance, resulting in updates to the risk register and planning of a revised risk 298 response, risk response type, risk response cost, and/or risk response description. 299 Informative References are specific sections of standards, guidelines, and practices that • 300 illustrate a method to achieve the outcomes associated with each Subcategory. The 301 Informative References are intended to be illustrative and not exhaustive. To avoid 302 having to re-release this publication every time an Informative Reference is added or updated, Informative References are omitted from this publication. Instead, they will be 303 304 held in NIST's Online Informative References (OLIR) Catalog.
- 305 For ease of use, each Function, Category, and Subcategory is assigned a unique identifier. Table
- 306 1 lists the identifiers for the Functions and Categories to show the framework's overall structure.
- 307

Function	Category
GOVERN (GV)	Context (GV.CT)
	Roles and Responsibilities (GV.RR)
	Policy (GV.PO)
	Benchmarking (GV.BE)
	Communication (GV.CO)
	Adjustments (GV.AD)
	Oversight (GV.OV)
MANAGE (MA)	Risk Identification (MA.RI)
	Risk Analysis (MA.RA)
	Risk Prioritization (MA.RP)
	Risk Response (MA.RR)
	Risk Monitoring, Evaluation, and Adjustment (MA.RM)
	Risk Communication (MA.RC)
	Risk Improvement (MA.IM)

- 308 Table 2 defines all of the Functions, Categories, Subcategories, and Informative Examples in the
- 309 ICT ROF. Table 2 includes only a subset of what an organization may need to do and achieve.
- 310 The information in the table is space-constrained; much more information can be found from the
- 311 Informative References in the NIST OLIR Catalog. Note that the order of the Functions,
- 312 Categories, and Subcategories in the table is not intended to imply the sequence of
- 313 implementation or the relative importance of any Function, Category, or Subcategory.

Table 2 ICT Risk Outcomes Framework

Function	Category	Subcategory	Informative Example
GOVERN (GV): Develop and implement the	Context (GV.CT): The organization's risk context, including mission, mission	GV.CT-1: Organizational mission, vision, and authorities are understood and considered.	An organization builds upon statute and authorities thereof to develop its two-year mission and five-year vision statements.
organizational business logic for risk management,	priorities, stakeholders, objectives, and direction, is understood.	GV.CT-2 : Internal and outside stakeholder groups that affect or are affected by the organization are identified.	An organization periodically inventories groups of people that affect, and are affected by, the organization.
and ensure risk management is performed according to that business logic.		GV.CT-3: The priorities, expectations, and effects of outside stakeholder groups are understood and considered.	An organization understands and considers outside stakeholder expectations such as: - Privacy expectations of customers - Business expectations of partners - Compliance expectations of regulators - Ethics expectations of society
		GV.CT-4: The priorities, expectations, and effects of internal stakeholder groups are understood and considered.	An organization understands and considers internal stakeholder expectations such as: - Cultural expectations of employees - Achievement expectations of officers and directors
		GV.CT-5: Organizational charter, expectations, and objectives are aligned, prioritized, and communicated as risk context.	As part of annual strategic planning, an organization performs a strengths, weaknesses, opportunities, and threats (SWOT) analysis to determine near-term and long-term objectives, risks, and risk appetite. The objectives, risks, and risk appetite are documented and communicated in the form of a strategy.
		GV.CT-6: Mission/business functions and criticality are communicated as risk context.	Risk activities account for mission/business impact in the Impact field of the risk register, and account for mission/business criticality in the business impact analysis (BIA).
	Roles and Responsibilities (GV.RR): Positions, duties, and authorities for risk governance	GV.RR-1: Risk governance roles and responsibilities are established and communicated.	An organization establishes which roles are responsible for documenting risk appetite and policy, as well as performing risk oversight.
	and management are established and communicated.	GV.RR-2: Risk management roles and responsibilities are established and communicated.	An organization establishes which roles are responsible for extending risk appetite into risk tolerance, as well as identifying, prioritizing, responding to, monitoring, evaluating, and adjusting risk.
	Policy (GV.PO): The policies to manage and monitor the organization's regulatory, legal, risk, environmental, and operational requirements are understood.	GV.PO-1: Risk management stances, activities, appetites, roles, and authorities are established and communicated.	An organization authors and disseminates a risk management policy that declares stances (what the organization will, and will not, do), activities related to those stances, risk limitations using risk appetite statements, and expectations and authorities associated with key roles such as the Chief Executive

Function	Category	Subcategory	Informative Example
			Officer, Chief Financial Officer, Chief Risk Officer, and Chief Information Security Officer.
		GV.PO-2: Organizational stances, activities, roles, and authorities that affect risk management are aligned with risk policies and appetite.	An organization considers risk policies and risk appetite statements when developing policies that affect/support risk management.
		GV.PO-3: Organizational stances, activities, roles, and authorities that are affected by risk management are aligned with risk policies and appetite.	When developing policies that are affected by risk management, an organization aligns those policies with risk policies and risk appetite statements.
	Benchmarking (GV.BE): Methods, criteria, and expectations for discovering	GV.BE-1: High-level organizational risks are periodically catalogued, categorized, and communicated.	Annually, an organization uses enterprise risk scenarios as a basis for adjusting the high-level risks represented in a risk breakdown structure.
	and distinguishing risk are established, communicated, and followed.	GV.BE-2: Risk appetite statements are developed and periodically communicated to risk management programs.	As a part of annual strategic planning, a corporation determines its risk appetite and communicates its risk appetite statements to risk management programs via a strategic plan.
		GV.BE-3: Risk tolerance statements are created as more specific translations of risk appetite statements and communicated to risk management programs as a basis for identifying risk.	An organization translates risk appetite statements into more specific, measurable, and broadly understandable risk tolerance statements in preparation to distribute the labor of risk management across a team of personnel.
		GV.BE-4: Risk scenarios that describe assets, threats, vulnerabilities, probabilities, and impacts are crafted and communicated.	Annually, an organization creates and refines anticipated enterprise risk scenarios as a basis for adjusting the high-level risks represented in a risk breakdown structure.
	Communication (GV.CO): Methods, criteria, and schedules for expressing and explaining risk are established, communicated, and followed.	GV.CO-1: Mandatory and voluntary disclosure decisions are informed through an enterprise risk profile and performed on a scheduled or as-needed (e.g., incident disclosure) basis.	Information from the enterprise risk register (ERR) forms the basis for a quarterly enterprise risk profile (ERP) update and informs quarterly and annual public disclosures. A data breach involving protected health information
			regulators.
		format is established, communication used as the basis for communication with risk management programs.	ERR fields are created, occasionally updated, and communicated to risk management programs as the expected risk reporting format.
		GV.CO-3: Criteria for immediate and periodic escalation of program risks are established, communicated, understood, and used as the basis for risk communication.	An ERM committee documents and communicates escalation criteria to the risk management programs periodically.

Function	Category	Subcategory	Informative Example
		GV.CO-4: Criteria for transfer of elevation of risk ownership are established, communicated, understood, and used as the basis for risk communication.	An ERM committee documents and communicates elevation criteria to the risk management programs periodically.
	Adjustments (GV.AD): Risk governance is adapted based on changes in organizational objectives, risk exposure, and residual risk.	GV.AD-1: Risk appetite is adjusted based on changes in organizational objectives, risk exposure, and residual risk.	An organization's annual strategic planning refines organizational objectives and risk appetite based on known risk exposure and residual risk.
		GV.AD-2: Strategic opportunities (aka positive risks) are adjusted based on changes in organizational objectives, risk exposure, and residual risk.	Among other things, risk exposure and residual risk from the risk register are considered in trade-off analysis with opportunities, and adjustments may be made to opportunity scope.
		GV.AD-3: Strategic priorities are adjusted based on changes in organizational objectives, risk exposure, and residual risk.	Among other things, risk exposure and residual risk from the risk register are considered in trade-off analysis with opportunities, and adjustments may be made to opportunity priority, timeline, or budget.
	Oversight (GV.OV): Risk is identified and addressed by risk management programs according to the criteria and	GV.OV-1 : Risk appetite statements and related contextual information are understood and applied by risk management programs.	Portfolio-level personnel verify that risk management programs understand and are applying risk appetite statements appropriately by evaluating what risks are communicated in the risk register.
	expectations of risk governance.	GV.OV-2: Assigned roles, responsibilities, and authorities are understood and implemented by risk management programs.	Portfolio-level personnel verify that risk management programs understand and are implementing roles, responsibilities, and authorities appropriately by evaluating that assigned responsibilities are being fulfilled and by whom.
		GV.OV-3: Organizational risk management policy and policies affecting risk management are understood and implemented by risk management programs.	Portfolio-level personnel monitor stances to verify that risk policies, and risk affecting policies, are upheld.
		GV.OV-4: Risk tolerance statements are used by risk management program personnel as a basis for identifying risk.	Portfolio-level personnel verify that risk management programs understand and are applying risk tolerance statements appropriately by evaluating what risks are communicated in the risk register.
		GV.OV-5: Risk is identified, adjudicated, and tracked by risk management programs according to published formats.	A risk management program uses the ERR as a basis for its risk register, and regularly communicates with Level 2 and Level 1 risk personnel using that program risk register.
		GV.OV-6: Risk is communicated and transferred by risk management programs according to published escalation and elevation criteria and process.	A risk management program uses criteria provided by Level 2 risk personnel to escalate risks to the <i>attention</i> <i>of</i> Level 2 risk personnel and elevate risks for <i>management by</i> Level 2 risk personnel.

Function	Category	Subcategory	Informative Example
		GV.OV-7: Risk management programs provide feedback for adjustment of risk appetite, opportunities, and strategic priorities.	A risk management program provides feedback to Level 2 and Level 1 risk managers when more risks exceed tolerance than current budgets will support.
MANAGE (MA): Continuously identify and address risks in accordance with the organization's risk management	Risk Identification (MA.RI): Risk events for the organization are catalogued and recorded.	MA.RI-1 : The assets (data, personnel, devices, systems, facilities, third-party services, etc.) that enable the organization to achieve its objectives are identified along with the assets' relative importance to those objectives and the organization's strategy.	The dependency between facility security and the electronic badge reader technology system is identified in a BIA, and any cyber risk to the electronic badge reader system is recorded in the Risk Description field of a risk register as something that could adversely affect building security.
policies, processes, and priorities.		MA.RI-2 : Threats against the organization's assets are identified and documented.	Threat intelligence sources are monitored for threats that may adversely affect critical assets. Threat modeling techniques are used to determine likely impact. This information is compared to information available from risk assessments and previous risk events. Relevant threat information is recorded in the Risk Description field of a risk register.
		MA.RI-3 : Vulnerabilities of the organization's assets are identified and documented.	Vulnerability sources are monitored for vulnerabilities that affect critical assets, and relevant vulnerabilities are recorded in the Risk Description field of a risk register.
		MA.RI-4 : Potential consequences are identified for each risk for the organization's assets and documented.	Risk cause and effect are documented as a risk scenario and included in the Risk Description field of a risk register.
		MA.RI-5 : Risks are categorized in anticipation of future grouping and combination.	The Risk Category field of a risk register is populated with categories that are meaningful to an organization.
	Risk Analysis (MA.RA): Risk events are assessed for likelihood and impact.	MA.RA-1 : The likelihood of each risk event is estimated using risk assessment techniques and probability models.	Bayesian models, event tree analysis, or similar techniques are used to determine the likelihood of a risk, and that information is recorded in the Current Assessment – Likelihood field in a risk register.
		MA.RA-2 : The impact of each risk event is estimated using risk assessment techniques that take into consideration both tangible and less tangible impacts, including secondary/cascading impacts, and the estimated impact is recorded.	An organization uses prior event data and the three- point estimate to determine likely single-loss expectancy (SLE) and annualized loss expectancy (ALE) from a risk and records that information in the Current Assessment – Impact field in a risk register.
	Risk Prioritization (MA.RP): Key risks are ranked for response decisions.	MA.RP-1 : The exposure presented by each risk is determined using qualitative and/or quantitative models and recorded.	An organization assigns a qualitative risk exposure based on risk likelihood and impact and records that determination in the Current Assessment – Exposure Rating field of a risk register.

Function	Category	Subcategory	Informative Example
		MA.RP-2 : The risks are prioritized based on exposure and other factors using qualitative and/or quantitative models, and the priorities are recorded.	An organization uses a quantitative model to prioritize its risks and records the priorities in the Priority field of a risk register.
	Risk Response (MA.RR): Risk responses are developed, costed, decided, described, assigned, and executed.	MA.RR-1 : The exposure associated with each risk is checked against risk tolerance statements to determine which risks need transferred, mitigated, or avoided to achieve information and communications technology objectives.	An organization uses the exposure from a risk register to decide an appropriate risk response.
		MA.RR-2 : A risk response that will achieve business objectives and comply with risk guidance from leadership is identified, planned, and recorded, along with the estimated cost of applying the risk response.	An organization chooses a risk response type and estimates its cost, and records those in the Risk Response Type and Risk Response Cost fields, respectively, of a risk register.
		MA.RR-3 : A risk owner is assigned for each risk response.	For each risk response in a risk register, a person is assigned responsibility for the risk response action and recorded in the Risk Owner field of the risk register.
		MA.RR-4 : Plans for implementing risk responses are documented.	For each risk response in a risk register, a plan is recorded in the Risk Response Description field of the risk register.
		MA-RR-5 : Risk responses that will take an extended period of time or require additional funding to fully enact are recorded and tracked.	A federal agency determines that a risk will take two years to fully address and records the corresponding risk plan in a Plan of Action & Milestones (POA&M) document.
			A private-sector organization determines that a risk will require funding from next fiscal year to fully address and records the corresponding risk plan in a project plan.
		MA.RR-6 : Risk analysis is revised after risk responses are determined to reflect the envisioned reduction of likelihood and impact from each risk response.	An organization updates the Current Assessment – Likelihood, Impact, and Exposure Rating fields of a risk register after the risk responses have been documented.
		MA.RR-7: Controls are implemented or adjusted to perform risk response plans.	An organization implements security controls to enact a risk response, and those actions are recorded in the Risk Response Description field of a risk register.
		MA.RR-8 : Residual risk is forecasted for each risk after risk responses are decided.	An organization estimates its residual risk and records it in the Residual Risk field of a risk register.
	Risk Monitoring, Evaluation, and Adjustment (MA.RM): Risks are checked and	MA.RM-1 : Risk conditions are continually monitored against risk tolerance to ensure conditions remain within acceptable levels.	Risks are measured and benchmarked according to key performance indicators (KPIs) and key risk indicators (KRIs), respectively.

Function	Category	Subcategory	Informative Example
	assessed, and risk responses are adapted as needed.	MA.RM-2 : The effectiveness of risk responses is evaluated against objectives to identify risk that exceeds acceptable levels.	An organization compares target risks (Target Profile) to current risks (Current Profile) and performs a gap analysis.
		MA.RM-3 : Findings from audits and risk assessments are analyzed to identify changes in risk and the effectiveness of risk responses.	A risk management program adjusts some risk responses based on recent audit findings.
		MA.RM-4 : When risk exceeds risk tolerance, changes to risk responses are identified and planned.	KRIs are monitored to determine when risk exceeds risk tolerance, resulting in updates to the risk register and planning of a revised risk response, risk response type, risk response cost, and/or risk response description.
		MA.RM-5 : Risk tolerance statements and budgets are adjusted as needed to reflect appropriate risk responses.	A risk management program makes budgetary adjustments when it identifies risks that are beyond tolerance and cannot be addressed with current budgets.
		MA.RM-6 : Risk response plans are updated as needed to include monitoring and measurement milestones that can trigger the release or repurposing of management reserve resources.	Risk response descriptions are updated in risk registers to note KPIs and KRIs that will result in access to management reserve.
		MA.RM-7 : Controls are adjusted to implement changes to risk response plans.	An organization changes a risk response by implementing security controls, and the updated security controls are recorded in the Risk Response Description field of a risk register.
		MA.RM-8 : Changes to risks are identified and tracked.	Changes to risks are identified and recorded in appropriate fields of a risk register.
	Risk Communication (MA.RC): Information on risks is recorded and disseminated.	MA.RC-1 : Details regarding the considerations, assumptions, and results of risk management activity are documented.	Details about risk assessment and risk response are recorded as supplements to a risk register known as risk assessment reports and risk detail records, respectively.
		MA.RC-2 : Risks that match escalation criteria are periodically communicated to higher-level risk managers.	On a monthly basis, an ERM committee receives a subset of risks from program risk registers as candidates for addition to the ERR.
		MA.RC-3 : Risks that match elevation criteria are transferred to higher-level risk managers for ownership assignment.	As risk management programs evaluate risks, a risk matches elevation criteria and is transferred to an ERM committee for assignment to a Level 1 risk owner.
		MA.RC-4 : Risks that match urgent escalation or elevation criteria are communicated immediately to higher-level risk managers.	Risk management programs immediately escalate or elevate risks to a ERM committee upon identifying that those risks match criteria for immediate escalation or elevation.

Function	Category	Subcategory	Informative Example
	Risk Improvement (MA.IM): Errors in risk management are reduced through root-cause	MA.IM-1 : Lessons learned while identifying and addressing risks are communicated to leadership.	Risk management programs provide quarterly reports to leadership on their lessons learned and on trends they are seeing.
	analysis and refinement implementation.	MA.IM-2 : Risk management is refined based on analysis and feedback of circumstances involving implicit risk acceptance.	Risk management programs are updated to take into account the results of analyzing implicit risk acceptance.

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337 Appendix A—Acronyms

338 Selected acronyms and abbreviations used in this paper are defined below.

339	ALE	Annualized Loss Expectancy
340	BIA	Business Impact Analysis
341	ERM	Enterprise Risk Management
342	ERP	Enterprise Risk Profile
343	ERR	Enterprise Risk Register
344	FISMA	Federal Information Security Modernization Act
345	FOIA	Freedom of Information Act
346	ICT	Information and Communication Technology
347	ICTRM	Information and Communication Technology Risk Management
348	ICT ROF	Information and Communication Technology Risk Outcomes Framework
349	IR	Interagency or Internal Report
350	IT	Information Technology
351	ITL	Information Technology Laboratory
352	KPI	Key Performance Indicator
353	KRI	Key Risk Indicator
354	NIST	National Institute of Standards and Technology
355	OLIR	Online Informative References
356	OMB	Office of Management and Budget
357	PHI	Protected Health Information
358	POA&M	Plan of Action & Milestones
359	RAR	Risk Assessment Report
360	RDR	Risk Detail Report
361	SLE	Single-Loss Expectancy
362	SP	Special Publication
363	SSDF	Secure Software Development Framework
364	SWOT	Strengths, Weaknesses, Opportunities, and Threats