



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Annex A - Cybersecurity Technical Requirements

PART I - ENTERPRISE CYBERSECURITY SOLUTIONS AND CONTROLS

Part I defines the cybersecurity solutions, managed security capabilities, and security controls applicable to this procurement, including endpoint, network, identity, security operations, cloud, application-security, data-protection, resilience, vulnerability-management, and governance controls. This Annex is limited to cybersecurity requirements and excludes business-application functionality, transactional processing, operational accounting, and business-database design.

1: Endpoint, Device & Managed Detection

Feature 1: Endpoint Detection and Response (EDR) - Continuously monitors endpoint activity to detect, investigate, contain, and remediate malicious or suspicious behavior on workstations, laptops, and servers.

Functionality:

- **Endpoint Threat Detection and Response:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Continuous endpoint telemetry collection
- o Behavior-based threat detection
- o Malware and ransomware detection
- o Process, file, registry, and network activity monitoring
- o Endpoint isolation or network containment
- o Remote investigation and response actions
- o Threat timeline and root-cause analysis
- o Endpoint incident audit trail

Feature 2: Managed Detection and Response (MDR) - Provides a managed 24/7 cybersecurity service in which security specialists monitor alerts, investigate threats, perform threat hunting, and assist with incident containment and remediation.

Functionality:

- **24/7 Managed Detection and Response Service:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Continuous monitoring by security analysts
- o Alert validation and prioritization
- o Threat investigation and threat hunting
- o Remote containment recommendations or actions
- o Incident notification and escalation
- o Guided remediation support
- o Monthly security posture and incident reports
- o Service-level response commitments



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 3: Extended Detection and Response (XDR) - Correlates security data from endpoints, identity systems, email, networks, cloud platforms, and applications to detect coordinated attacks and support unified response.

Functionality:

- **Cross-Domain Detection and Response:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Endpoint, network, email, identity, and cloud telemetry correlation
- o Centralized incident view
- o Cross-domain attack-chain detection
- o Automated enrichment of security alerts
- o Unified investigation timeline
- o Coordinated response actions across security controls
- o Risk-based incident prioritization
- o Integrated threat intelligence

Feature 4: Endpoint Protection Platform (EPP) - Prevents malware, ransomware, exploits, and other endpoint threats through antivirus, behavioral protection, exploit prevention, and policy enforcement.

Functionality:

- **Endpoint Threat Prevention:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Next-generation antivirus
- o Anti-malware and anti-ransomware protection
- o Exploit prevention
- o Behavioral protection
- o Real-time file scanning
- o Web and download protection
- o Endpoint policy management
- o Quarantine and remediation



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 5: Unified Endpoint Management / Mobile Device Management (UEM/MDM) - Centrally manages computers, smartphones, tablets, and other devices by enforcing configuration, security, compliance, and remote-management policies.

Functionality:

- **Centralized Endpoint and Mobile Device Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Device enrollment and inventory
- o Security configuration enforcement
- o Operating-system compliance checks
- o Remote lock and remote wipe
- o Application deployment and removal
- o Device encryption enforcement
- o Jailbreak or root detection
- o Lost-device response

Feature 6: Application Control and Allowlisting - Allows only approved applications, scripts, libraries, and executables to run while blocking unauthorized or high-risk software.

Functionality:

- **Approved Application Execution Control:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Application allowlisting and blocklisting
- o Publisher and certificate-based rules
- o Script and macro control
- o Unauthorized software detection
- o Portable application control
- o Policy exceptions with approval
- o Application execution logging
- o Change and version monitoring



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 7: Endpoint Device and Peripheral Control - Controls removable media and peripheral devices to reduce malware infection, unauthorized data transfer, and unapproved hardware use.

Functionality:

- **Removable Media and Peripheral Security:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o USB storage control
- o Bluetooth device control
- o Printer and camera control
- o Read-only removable media mode
- o Device allowlist and blocklist
- o Automatic malware scanning of removable media
- o File transfer logging
- o Policy-based exception approval

Feature 8: Endpoint Privilege Management - Removes unnecessary local administrator rights and grants temporary, policy-based privilege only when an approved task requires elevated access.

Functionality:

- **Least-Privilege Control on Endpoints:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Removal of permanent local administrator rights
- o Just-in-time privilege elevation
- o Application-based elevation rules
- o Approval workflow for elevation requests
- o Credential isolation
- o Privileged action logging
- o Policy-based command restriction
- o User and device risk checks



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

2: Network, Web & Perimeter Security

Feature 9: Next-Generation Firewall (NGFW) - Protects network boundaries using application-aware filtering, intrusion prevention, identity-based rules, threat intelligence, and encrypted-traffic inspection.

Functionality:

- **Application-Aware Network Security:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Stateful firewalling
- o Application identification and control
- o User and group-based policies
- o Intrusion prevention integration
- o URL and content filtering
- o TLS/SSL inspection
- o Threat intelligence feeds
- o High-availability support

Feature 10: Intrusion Detection and Prevention System (IDS/IPS) - Detects malicious network activity and can automatically block exploits, scans, command-and-control traffic, and known attack patterns.

Functionality:

- **Network Intrusion Detection and Prevention:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Signature-based detection
- o Behavior and anomaly detection
- o Exploit and vulnerability protection
- o Protocol validation
- o Automatic blocking or alert-only modes
- o Rule tuning and exceptions
- o Packet and event evidence
- o Threat event reporting



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 11: Network Detection and Response (NDR) - Analyzes network traffic and flow behavior to identify lateral movement, command-and-control activity, data exfiltration, and unknown threats.

Functionality:

- **Network Threat Analytics and Response:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o East-west and north-south traffic visibility
- o Network behavior analytics
- o Lateral movement detection
- o Command-and-control detection
- o Encrypted traffic analytics
- o Network threat hunting
- o Packet capture or metadata retention
- o Integration with SIEM, SOAR, EDR, and XDR

Feature 12: Network Access Control (NAC) - Verifies users and devices before network access and applies segmentation or quarantine based on identity, device posture, and security policy.

Functionality:

- **Controlled Network Admission:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o User and device authentication
- o Device profiling
- o Security posture assessment
- o Guest network access
- o Dynamic VLAN or segment assignment
- o Non-compliant device quarantine
- o IoT and unmanaged-device visibility
- o Network access audit logs



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 13: Web Application Firewall (WAF) - Protects web applications and APIs from attacks such as injection, cross-site scripting, malicious bots, protocol abuse, and application-layer denial of service.

Functionality:

- **Web Application and API Protection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o OWASP attack protection
- o Positive and negative security models
- o Bot detection and mitigation
- o Virtual patching
- o Rate limiting
- o Geo-location and reputation controls
- o TLS termination and certificate support
- o Security event logging

Feature 14: Distributed Denial-of-Service (DDoS) Protection - Detects and mitigates volumetric, protocol, and application-layer denial-of-service attacks to maintain availability of internet-facing services.

Functionality:

- **Availability Protection Against DDoS Attacks:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Traffic-baseline monitoring
- o Volumetric attack mitigation
- o Protocol attack protection
- o Application-layer attack protection
- o Traffic scrubbing or diversion
- o Automatic mitigation triggers
- o Attack analytics and reports
- o Upstream provider integration



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 15: Domain Name System (DNS) Security - Blocks access to malicious domains and detects phishing, malware, command-and-control, and domain-generation activity through DNS-layer monitoring.

Functionality:

- **DNS-Layer Threat Protection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Malicious domain blocking
- o Phishing domain protection
- o Command-and-control domain detection
- o Newly registered domain monitoring
- o DNS tunneling detection
- o Domain reputation scoring
- o Secure DNS resolution
- o DNS query logging and analytics

Feature 16: Secure Web Gateway (SWG) - Inspects and controls user web traffic to block malicious websites, risky downloads, inappropriate content, and unauthorized cloud applications.

Functionality:

- **Secure Internet Access:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o URL filtering and categorization
- o Malware scanning of web downloads
- o TLS/SSL inspection
- o Cloud application control
- o File type and content restrictions
- o User and group-based browsing policy
- o Remote user protection
- o Web activity reporting



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 17: Zero Trust Network Access (ZTNA) - Provides identity-aware, application-specific access without exposing the internal network, continuously validating users, devices, and context.

Functionality:

- **Application Access Based on Zero Trust:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Application-level access
- o Identity and device posture validation
- o Least-privilege access policies
- o Continuous session evaluation
- o No direct network exposure
- o Adaptive access decisions
- o Remote and third-party access
- o Detailed access logs

Feature 18: Security Service Edge / Secure Access Service Edge (SSE/SASE) -

Delivers cloud-based secure access services by combining web security, cloud access control, zero-trust access, data protection, and wide-area connectivity.

Functionality:

- **Cloud-Delivered Secure Access:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Secure web gateway services
- o Cloud access security broker functions
- o Zero Trust Network Access
- o Data loss prevention integration
- o Remote user and branch protection
- o Unified security policy
- o Cloud traffic inspection
- o Centralized reporting and analytics



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

3: Identity, Access & Trust Management

Feature 19: Identity and Access Management (IAM) - Manages digital identities, authentication, access rights, and user lifecycle across applications, cloud services, and infrastructure.

Functionality:

- **Enterprise Identity and Access Control:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Central user directory
- o User provisioning and deprovisioning
- o Authentication policy management
- o Application access assignment
- o Identity lifecycle workflows
- o Access request and approval
- o Federation with cloud and on-premise systems
- o Identity audit trail

Feature 20: Multi-Factor Authentication (MFA) - Requires two or more independent authentication factors to reduce account compromise caused by stolen or guessed passwords.

Functionality:

- **Strong User Authentication:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Authenticator application support
- o Hardware or software tokens
- o Biometric authentication
- o Push approval
- o One-time passwords
- o Risk-based authentication
- o MFA for privileged and remote access
- o Recovery and backup authentication methods



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 21: Single Sign-On and Identity Federation (SSO) - Allows users to access multiple authorized applications through one trusted authentication session using standard identity protocols.

Functionality:

- **Federated Authentication and Single Sign-On:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o SAML support
- o OpenID Connect support
- o OAuth 2.0 integration
- o Central sign-in portal
- o Application federation
- o Session and logout management
- o Conditional access integration
- o Authentication activity reporting

Feature 22: Role-Based and Attribute-Based Access Control (RBAC/ABAC) -

Assigns permissions according to user roles and contextual attributes such as department, location, device, transaction risk, and time.

Functionality:

- **Policy-Based Authorization:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Role-based permission assignment
- o Attribute-based access decisions
- o Field and record-level restrictions
- o Segregation of duties
- o Maker-checker control
- o Dynamic authorization policies
- o Temporary access rules
- o Access decision logging



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 23: Privileged Access Management (PAM) - Secures administrator and other high-risk accounts through credential vaulting, controlled sessions, just-in-time access, and detailed monitoring.

Functionality:

- **Privileged Account and Session Security:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Privileged credential vault
- o Password rotation
- o Just-in-time privileged access
- o Session recording and monitoring
- o Command and activity control
- o Approval workflow
- o Emergency access procedures
- o Privileged access analytics

Feature 24: Identity Governance and Administration (IGA) - Governs who has access to what by automating access reviews, certifications, approvals, segregation-of-duties checks, and identity lifecycle processes.

Functionality:

- **Access Governance and Certification:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Periodic access certification
- o Manager and application-owner review
- o Segregation-of-duties analysis
- o Access request workflows
- o Joiner-mover-leaver automation
- o Orphan account detection
- o Excessive privilege identification
- o Governance and compliance reports



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 25: Public Key Infrastructure and Certificate Management (PKI) -

Creates and manages digital certificates and cryptographic trust for users, devices, applications, websites, email, code signing, and secure communications.

Functionality:

- **Digital Certificate and Trust Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Certificate issuance and renewal
- o Certificate revocation
- o Certificate inventory and discovery
- o TLS certificate lifecycle management
- o User and device certificates
- o Code-signing certificates
- o Certificate expiry alerts
- o Hardware security module integration

Feature 26: Passwordless Authentication - Authenticates users without reusable passwords through passkeys, security keys, biometrics, or cryptographic device-based credentials.

Functionality:

- **Phishing-Resistant Authentication:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o FIDO2 and WebAuthn support
- o Passkey authentication
- o Hardware security key support
- o Biometric sign-in
- o Device-bound credentials
- o Passwordless account recovery
- o Conditional access integration
- o Authentication audit logs



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)

12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 27: Customer Identity and Access Management (CIAM) - Provides secure registration, authentication, consent, profile, and access services for customers, partners, and external users.

Functionality:

- **External User Identity Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Customer self-registration
- o Identity verification
- o MFA and passwordless options
- o Consent and privacy preference management
- o Account recovery
- o Fraud and bot protection
- o Profile and access management
- o Customer authentication analytics



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

4: Security Operations, Analytics & Threat Intelligence

Feature 28: Security Information and Event Management (SIEM) - Collects and correlates security logs from multiple systems to detect threats, support investigations, and produce compliance reports.

Functionality:

- **Centralized Security Monitoring and Log Analytics:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Central log collection
- o Normalization and correlation
- o Real-time detection rules
- o Security dashboards
- o Alert generation
- o Historical search and investigation
- o Log retention
- o Compliance reporting

Feature 29: Security Orchestration, Automation and Response (SOAR) -

Automates repetitive security operations and coordinates response actions across security tools using playbooks and case workflows.

Functionality:

- **Automated Security Response:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Automated alert enrichment
- o Response playbooks
- o Case management
- o Approval-based automated actions
- o Threat intelligence enrichment
- o Ticketing integration
- o Containment workflow automation
- o Response metrics and reporting



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 30: Security Operations Center (SOC) - Provides the people, processes, and technology needed to continuously monitor, analyze, investigate, and respond to cybersecurity incidents.

Functionality:

- **Central Cybersecurity Monitoring Function:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o 24/7 or defined-hours monitoring
- o Alert triage
- o Incident investigation
- o Threat hunting
- o Escalation procedures
- o Response coordination
- o Security metrics and reporting
- o Continuous improvement and tuning

Feature 31: Threat Intelligence Platform (TIP) - Collects, enriches, scores, and distributes threat intelligence such as malicious indicators, adversary tactics, vulnerabilities, and campaigns.

Functionality:

- **Threat Intelligence Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Indicator ingestion
- o Indicator enrichment and scoring
- o Threat feed management
- o Adversary and campaign tracking
- o Tactics, techniques, and procedures mapping
- o Indicator expiration and confidence levels
- o Security control distribution
- o Intelligence reporting



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 32: User and Entity Behavior Analytics (UEBA) - Uses behavioral baselines and analytics to identify compromised accounts, insider threats, abnormal access, and unusual entity activity.

Functionality:

- **Behavior and Anomaly Analytics:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o User behavior baselining
- o Peer group analysis
- o Entity risk scoring
- o Impossible travel detection
- o Unusual data access detection
- o Abnormal privilege use detection
- o Insider threat indicators
- o Integration with SIEM and XDR

Feature 33: Incident Response and Security Case Management - Provides structured workflows for preparing, identifying, containing, eradicating, recovering from, and reviewing cybersecurity incidents.

Functionality:

- **Cybersecurity Incident Lifecycle Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Incident registration and classification
- o Severity and priority assignment
- o Containment and eradication tasks
- o Evidence and attachment management
- o Stakeholder notification
- o Recovery tracking
- o Lessons-learned review
- o Incident metrics and audit trail



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 34: Digital Forensics and Evidence Management - Preserves and analyzes digital evidence from endpoints, servers, networks, cloud systems, and applications while maintaining chain of custody.

Functionality:

- **Forensic Investigation Support:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Forensic data acquisition
- o Memory and disk analysis
- o Timeline reconstruction
- o Log and artifact analysis
- o Chain-of-custody tracking
- o Evidence integrity hashing
- o Secure evidence storage
- o Investigation reporting

Feature 35: Malware Analysis and Sandboxing - Executes suspicious files, links, and content in an isolated environment to identify malicious behavior without risking production systems.

Functionality:

- **Safe Analysis of Suspicious Content:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Static file analysis
- o Dynamic behavior analysis
- o Document and script detonation
- o URL analysis
- o Network callback observation
- o Malware family classification
- o Indicator extraction
- o Automated verdict and reporting



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 36: Deception Technology and Honeypots - Deploys decoy systems, credentials, and data to detect unauthorized activity, lateral movement, and attacker behavior early.

Functionality:

- **Adversary Deception and Early Detection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Decoy hosts and services
- o Honey credentials and tokens
- o Decoy files and shares
- o Lateral movement detection
- o High-fidelity alerts
- o Attacker interaction recording
- o Threat intelligence generation
- o Integration with SIEM, SOAR, and XDR

Feature 37: Proactive Threat Hunting - Uses hypotheses, threat intelligence, telemetry, and analytics to search for hidden or undetected threats that automated controls may miss.

Functionality:

- **Analyst-Led Threat Discovery:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Threat-hunting hypotheses
- o Endpoint and network telemetry search
- o Adversary technique hunting
- o Indicator and behavior search
- o Campaign-focused investigations
- o Hunt documentation
- o Detection rule improvement
- o Hunt findings and metrics



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

5: Data Protection, Privacy & Operational Resilience

Feature 38: Data Loss Prevention (DLP) - Discovers and protects sensitive data and prevents unauthorized transmission through email, web, endpoints, cloud applications, and removable media.

Functionality:

- **Sensitive Data Monitoring and Protection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Data discovery and classification
- o Content inspection
- o Email and web DLP
- o Endpoint DLP
- o Cloud DLP
- o Removable media controls
- o Policy-based block, quarantine, or warning
- o Incident workflow and reporting

Feature 39: Encryption, Key Management and Hardware Security Modules (KMS/HSM) - Protects data using cryptography and securely generates, stores, rotates, and controls encryption keys and high-value cryptographic operations.

Functionality:

- **Enterprise Cryptographic Protection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Encryption at rest
- o Encryption in transit
- o Central key management
- o Key rotation and revocation
- o Hardware security module support
- o Certificate and signing-key protection
- o Access control for cryptographic keys
- o Cryptographic audit logs



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 40: Data Masking and Tokenization - Replaces sensitive data with masked or tokenized values so applications, testers, and analysts can work without exposing original information.

Functionality:

- **Protection of Sensitive Data Values:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Static data masking
- o Dynamic data masking
- o Tokenization
- o Format-preserving protection
- o Role-based unmasking
- o Test-data protection
- o Audit logging of data reveal
- o Integration with databases and applications

Feature 41: Database Activity Monitoring (DAM) - Monitors database access and queries to detect unauthorized activity, privilege abuse, sensitive-data access, and suspicious changes.

Functionality:

- **Database Security Monitoring:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Database session monitoring
- o Query and command logging
- o Privileged user monitoring
- o Sensitive table access detection
- o Policy violation alerts
- o Database vulnerability assessment
- o Audit report generation
- o Database activity analytics



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 42: File Integrity Monitoring (FIM) - Detects unauthorized changes to critical system files, configurations, executables, and security settings.

Functionality:

- **Critical File and Configuration Change Detection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Baseline creation
- o Real-time change detection
- o Hash-based integrity validation
- o Critical file monitoring
- o Configuration change monitoring
- o Change attribution
- o Authorized change exceptions
- o Integrity alert and reporting

Feature 43: Immutable Backup and Ransomware Recovery - Protects recovery copies from deletion or alteration and enables rapid restoration after ransomware, destructive attacks, or data corruption.

Functionality:

- **Cyber-Resilient Backup and Recovery:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Immutable or write-once backup copies
- o Offline or isolated backup option
- o Backup encryption
- o Malware scanning of backups
- o Recovery-point validation
- o Regular restoration testing
- o Ransomware recovery workflows
- o Backup activity audit trail



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 44: Business Continuity and Disaster Recovery (BCP/DR) - Maintains critical operations and restores systems, applications, and data within approved recovery objectives after major disruptions.

Functionality:

- **Operational Continuity and Technology Recovery:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Business impact analysis
- o Recovery Time Objective (RTO)
- o Recovery Point Objective (RPO)
- o Alternate processing capability
- o Failover and failback procedures
- o Disaster recovery runbooks
- o Periodic recovery exercises
- o Continuity and recovery reporting

Feature 45: Data Classification and Discovery - Identifies where sensitive and regulated data resides and assigns classifications that drive protection, retention, sharing, and monitoring policies.

Functionality:

- **Enterprise Data Identification and Classification:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Sensitive data discovery
- o Structured and unstructured data scanning
- o Classification labels
- o Data ownership assignment
- o Data inventory and mapping
- o Risk-based protection policies
- o Classification inheritance
- o Discovery and classification reports



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)

12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 46: Privacy, Consent and Data Subject Rights Management - Manages privacy notices, lawful processing, consent, retention, access requests, correction, deletion, and other data-subject rights.

Functionality:

- **Privacy Governance and Consent Control:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Privacy notice management
- o Consent capture and withdrawal
- o Data sharing authorization
- o Data subject access requests
- o Correction and deletion workflows
- o Retention and disposal rules
- o Privacy incident tracking
- o Privacy audit trail



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

6: Cloud, Application & DevSecOps Security

Feature 47: Cloud Access Security Broker (CASB) - Provides visibility and control over cloud application use, sensitive data, risky behavior, access policies, and cloud threats.

Functionality:

- **Cloud Application Security Control:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Cloud application discovery
- o Sanctioned and unsanctioned application control
- o Cloud DLP
- o Access and session controls
- o Threat and anomaly detection
- o OAuth application governance
- o Cloud configuration visibility
- o Cloud activity reporting

Feature 48: Cloud Security Posture Management (CSPM) - Continuously identifies cloud configuration weaknesses, excessive permissions, exposed resources, and non-compliance across cloud accounts.

Functionality:

- **Cloud Misconfiguration and Compliance Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Cloud asset discovery
- o Misconfiguration detection
- o Compliance benchmark assessment
- o Public exposure detection
- o Excessive permission identification
- o Risk prioritization
- o Automated remediation guidance
- o Cloud posture dashboards



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 49: Cloud Workload Protection Platform (CWPP) - Protects virtual machines, containers, serverless functions, and cloud workloads against vulnerabilities, malware, runtime attacks, and misconfiguration.

Functionality:

- **Cloud Workload Security:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Workload vulnerability scanning
- o Host and container protection
- o Runtime threat detection
- o Workload micro-segmentation
- o Malware prevention
- o File integrity monitoring
- o Cloud workload inventory
- o Workload security policy

Feature 50: Cloud-Native Application Protection Platform (CNAPP) - Combines cloud posture, workload, identity, code, entitlement, and application-security capabilities into a unified cloud risk platform.

Functionality:

- **Unified Cloud-Native Security:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o CSPM capabilities
- o CWPP capabilities
- o Cloud infrastructure entitlement management
- o Infrastructure-as-code scanning
- o Container and Kubernetes security
- o Application and API risk visibility
- o Attack-path analysis
- o Unified cloud risk prioritization



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)

12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 51: Secure Software Development Lifecycle / DevSecOps - Integrates security requirements, design review, testing, approval, and monitoring throughout software planning, development, deployment, and maintenance.

Functionality:

- **Security Integrated into Software Delivery:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Security requirements definition
- o Threat modeling
- o Secure coding standards
- o Code review
- o Automated security testing in CI/CD
- o Release security gates
- o Defect remediation tracking
- o Production security monitoring

Feature 52: Static Application Security Testing (SAST) - Analyzes source code or compiled code without executing the application to identify coding weaknesses and security vulnerabilities.

Functionality:

- **Source Code Security Analysis:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Source code scanning
- o Common weakness detection
- o Developer feedback
- o IDE and CI/CD integration
- o Custom rules
- o False-positive management
- o Remediation guidance
- o Trend and compliance reporting



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)

12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 53: Dynamic Application Security Testing (DAST) - Tests running web applications and APIs from an attacker perspective to identify exploitable vulnerabilities and insecure behavior.

Functionality:

- **Runtime Application Security Testing:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Automated web application scanning
- o Authentication-aware testing
- o Injection and input validation tests
- o Session and access-control tests
- o API testing
- o Crawler and endpoint discovery
- o Evidence and reproduction details
- o Remediation verification

Feature 54: Software Composition Analysis and Software Bill of Materials (SCA/SBOM) - Identifies third-party and open-source components, licenses, known vulnerabilities, and supply-chain risk, and produces a component inventory.

Functionality:

- **Open-Source and Software Supply-Chain Security:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Dependency discovery
- o Known vulnerability matching
- o License compliance checks
- o Transitive dependency analysis
- o SBOM generation
- o Component risk scoring
- o Upgrade and remediation guidance
- o CI/CD integration



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)

12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 55: API Security Management - Discovers, inventories, tests, monitors, and protects APIs against unauthorized access, abuse, data exposure, and application-layer attacks.

Functionality:

- **API Discovery, Testing and Protection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o API inventory and discovery
- o Authentication and authorization validation
- o Schema and input validation
- o API rate limiting
- o Token and key management
- o Sensitive data exposure detection
- o Runtime API threat detection
- o API security logs and analytics

Feature 56: Secrets Management - Securely stores, distributes, rotates, and audits passwords, API keys, tokens, certificates, and other application secrets.

Functionality:

- **Application Credential and Secret Protection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Central secrets vault
- o Automated secret rotation
- o Dynamic short-lived credentials
- o Fine-grained access control
- o CI/CD integration
- o Cloud and container integration
- o Secret-use audit logs
- o Hard-coded secret detection



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)

12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 57: Container and Kubernetes Security - Protects container images, registries, orchestration platforms, and running workloads from vulnerabilities, misconfiguration, and runtime attacks.

Functionality:

- **Containerized Workload Protection:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Container image scanning
- o Registry security
- o Kubernetes configuration assessment
- o Admission control
- o Runtime behavior monitoring
- o Container network policy
- o Secrets and service-account protection
- o Cluster audit and compliance reporting

Feature 58: Email Security Gateway and Anti-Phishing Protection - Protects email against phishing, malware, business email compromise, spoofing, malicious links, and harmful attachments.

Functionality:

- **Secure Email and Phishing Defense:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Spam and phishing filtering
- o Malware and attachment scanning
- o URL rewriting and time-of-click protection
- o Business email compromise detection
- o Sender authentication using SPF, DKIM, and DMARC
- o Attachment sandboxing
- o Impersonation protection
- o Email threat reporting



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

7: Vulnerability, Assurance & Governance

Feature 59: Vulnerability Management - Continuously discovers assets, identifies vulnerabilities, prioritizes risk, assigns remediation, and verifies closure.

Functionality:

- **Enterprise Vulnerability Lifecycle Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Authenticated vulnerability scanning
- o Network and application asset discovery
- o Risk-based prioritization
- o Remediation assignment
- o Exception and risk acceptance workflow
- o Remediation deadline tracking
- o Re-scan and closure verification
- o Vulnerability dashboards and reports

Feature 60: Patch Management - Plans, tests, deploys, monitors, and reports security updates for operating systems, applications, servers, and endpoint devices.

Functionality:

- **Security Update and Patch Governance:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Patch inventory
- o Missing patch detection
- o Risk-based patch prioritization
- o Testing and pilot deployment
- o Scheduled patch deployment
- o Rollback support
- o Patch compliance reporting
- o Emergency patch procedures



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 61: Vulnerability Assessment and Penetration Testing (VAPT) -

Combines automated vulnerability assessment with controlled penetration testing to identify and validate exploitable weaknesses.

Functionality:

- **Independent Security Assessment and Exploit Validation:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o External and internal vulnerability assessment
- o Web application and API testing
- o Network penetration testing
- o Cloud security testing
- o Wireless testing when applicable
- o Evidence-based findings
- o Risk ratings and remediation guidance
- o Re-test and closure validation

Feature 62: External Attack Surface Management (EASM) - Continuously discovers and assesses internet-facing domains, IP addresses, cloud services, certificates, applications, and exposed technology.

Functionality:

- **Internet-Facing Asset and Exposure Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o External asset discovery
- o Unknown or shadow asset detection
- o Exposed service identification
- o Certificate and domain monitoring
- o Cloud exposure detection
- o Vulnerability and misconfiguration discovery
- o Attack surface risk scoring
- o Ownership and remediation workflow



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 63: Breach and Attack Simulation (BAS) - Safely simulates attacker techniques to validate whether security controls detect and prevent threats as designed.

Functionality:

- **Continuous Security Control Validation:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Automated attack simulations
- o Adversary technique emulation
- o Email, endpoint, network, and cloud validation
- o Detection coverage testing
- o Control effectiveness scoring
- o Safe and non-destructive execution
- o Gap identification
- o Remediation and re-validation

Feature 64: Governance, Risk and Compliance (GRC) - Centralizes cybersecurity policies, risks, controls, assessments, issues, evidence, and regulatory obligations.

Functionality:

- **Cybersecurity Governance and Risk Management:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Policy and control library
- o Risk register
- o Control self-assessment
- o Compliance mapping
- o Evidence collection
- o Issue and remediation tracking
- o Exception and risk acceptance
- o Management dashboards and reports



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 65: Third-Party and Supply-Chain Risk Management - Assesses and monitors cybersecurity risk introduced by vendors, service providers, software suppliers, and other external parties.

Functionality:

- **External Party Cybersecurity Risk Governance:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Vendor security questionnaires
- o Risk-tiering of suppliers
- o Evidence and certification review
- o Contract security requirements
- o Continuous external monitoring
- o Issue remediation tracking
- o Fourth-party risk visibility
- o Third-party incident notification

Feature 66: Security Awareness and Phishing Simulation - Builds secure behavior through role-based training, simulated phishing, policy education, and measurement of human-risk indicators.

Functionality:

- **Cybersecurity Education and Human Risk Reduction:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Security awareness training
- o Role-based training
- o Phishing simulations
- o Just-in-time coaching
- o Policy acknowledgment
- o Training completion tracking
- o Repeat-risk user monitoring
- o Awareness metrics and reports



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 67: Cybersecurity Audit Logging and Compliance Reporting - Maintains protected, searchable, and retained security records to support internal audit, regulatory review, investigations, and accountability.

Functionality:

- **Audit-Ready Security Records:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Centralized security audit logs
- o Time synchronization
- o Tamper-evident log storage
- o Defined retention periods
- o Access-controlled log search
- o Compliance report templates
- o Evidence export
- o Audit and investigation trail

Feature 68: Cybersecurity Policy and Security Configuration Management - Maintains approved cybersecurity policies, technical standards, secure configuration baselines, exceptions, and version-controlled changes.

Functionality:

- **Security Policy and Baseline Governance:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Cybersecurity policy repository
- o Secure configuration baselines
- o Policy version control
- o Review and approval workflow
- o Exception management
- o Configuration compliance checks
- o Change history and audit trail
- o Policy distribution and acknowledgment



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 69: Remote Monitoring and Management (RMM) - Centrally monitors and manages endpoints, applications, configurations, patches, and remote support activities to provide comprehensive IT asset governance.

Functionality:

- **Centralized Remote Monitoring and Asset Governance:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Real-time endpoint and application inventory
- o Hardware and software asset visibility
- o Configuration and health monitoring
- o Patch status and compliance monitoring
- o Secure remote administrative access
- o Remote remediation and maintenance actions
- o Policy enforcement across branches
- o Administrative activity and audit logging

Feature 70: Cloud Security Benchmarking (CIS Level 1) - Assesses cloud and SaaS configurations against CIS Level 1 benchmarks to identify misconfigurations and strengthen cloud security posture.

Functionality:

- **CIS-Aligned Cloud Security Assessment:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o CIS Level 1 benchmark assessment
- o SaaS and cloud configuration review
- o Misconfiguration and exposure detection
- o Identity and strong-authentication policy review
- o Excessive permission identification
- o Security baseline gap reporting
- o Remediation recommendations
- o Periodic compliance reassessment



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)
12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 71: Data Privacy Governance and Data Loss Prevention (DLP) -

Implements organization-wide privacy governance and technical controls to prevent unauthorized disclosure or movement of sensitive information.

Functionality:

- **Privacy Governance and Data Loss Prevention:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Data Privacy Act and NPC-aligned governance documentation
- o Data classification integration
- o Endpoint data loss prevention controls
- o Cloud and SaaS data loss prevention controls
- o Sensitive data discovery and monitoring
- o Policy-based blocking, quarantine, or alerting
- o Mandatory privacy and cybersecurity awareness training
- o DLP incident and compliance reporting

Feature 72: Incident Response Retainer and Digital Forensics - Provides on-demand specialist response, crisis support, evidence preservation, and forensic investigation during cybersecurity incidents.

Functionality:

- **Incident Response and Forensic Investigation Support:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o Incident response retainer coverage
- o Defined activation and escalation procedures
- o Crisis management and recovery support
- o Forensic evidence acquisition
- o Chain-of-custody documentation
- o Endpoint, server, network, and cloud forensics
- o Root-cause and impact analysis
- o Incident and forensic investigation reports



LBP INSURANCE BROKERAGE, INC.

(A SUBSIDIARY OF THE LAND BANK OF THE PHILIPPINES)

12/F SyCip Law Centre Bldg., 105 Paseo De Roxas, Legaspi Village, Makati City 1229



Trunklines: 8812-4911 | 8867-1063 | 8893-5638 | Direct Line: 8840-4011 | Telefax: 8893-7224

Feature 73: Cyber Trust Mark (CTM) Tier 5 and ISO/IEC 27001:2022 Readiness Support - Assesses cybersecurity maturity and provides advisory support for CTM Tier 5 and ISO/IEC 27001:2022 readiness.

Functionality:

- **Cybersecurity Maturity and Certification Readiness:**

The cybersecurity solution shall provide the following capabilities:

Features:

- o CTM Tier 5 maturity assessment
- o CTM best-practice and control mapping
- o ISO/IEC 27001:2022 gap assessment
- o ISO/IEC 27001:2022 Annex A control mapping
- o Evidence and documentation readiness review
- o Remediation roadmap and action plan
- o Readiness workshops and advisory support
- o Pre-assessment and audit-readiness reporting