SymSyst

Cybersecurity through Symbiotic Systems

SERVICES PORTFOLIO

*Cyberthreats hit everyone sooner or later
— your security decides what happens next*

Why Cybersecurity Is Essential for Every Business

Cybersecurity is a core investment for any organisation. A modest investment in the right protections costs far less than the financial, operational and reputational damage caused by a breach or service disruption. Strengthening your security posture is one of the most effective ways to protect your operations, your customers and your bottom line.

Most incidents don't come from sophisticated attacks but from simple, preventable gaps — weak access controls, missing safeguards or poorly protected data. Addressing these fundamentals significantly reduces risk and helps ensure your business remains resilient.

Symsyst delivers practical, business-focused cybersecurity through systems that work in symbiosis with your organisation. Each protection reinforces the next, creating a coherent and cost-effective security foundation that safeguards your data, your reputation and your continuity.

This portfolio outlines how our services support the daily operations of SMEs and sole traders across Ireland.

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IT Services Portfolio

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Data Backups

Data loss, system failures, and ransomware attacks can halt any business.

A NAS system gives you automated backups, ransomware protection, fast recovery and secure versioning.

Protecting Case Files, Client Records and Evidence

A NAS (Network Attached Storage) is a small, dedicated storage device that keeps your business files and sensitive client data in one secure location, fully under your control, while supporting GDPR compliance.

Symsyst provides a professional NAS system installation service designed to give your business reliable, secure and fully automated data protection, following the proven 3-2-1 backup strategy.

The 3-2-1 strategy means keeping three copies of your data, stored on two different media, with one kept off-site.

What Your Business Gains

- Automated, secure backups
- Fast recovery from ransomware or system failure
- Document versioning to restore previous drafts
- Off-site redundancy through cloud and/or external-drive backups for added resilience.
- Secure remote access if required

Reliable backups protect continuity, deadlines and your reputation.

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Data Encryption

Data must remain protected, even outside the office.

Lost or stolen devices and unsecured databases are major sources of data breaches — strong encryption is your best defence.

Two Essential Encryption Services

Encryption ensures that confidential business information remains inaccessible to unauthorised parties.

Symsyst provides two encryption services designed to protect your confidentiality and support your GDPR obligations.

Windows Device Encryption

Designed to encrypt entire devices or volumes.

This service provides:

- Full-device encryption for office and remote-working devices
- Protection against data exposure if a device is lost or stolen
- Secure recovery mechanisms controlled by the device owner
- GDPR-aligned protection for confidential legal data

Advanced USB & SSD Encryption

Designed for USB or external drives used to transport private, confidential, or commercial information.

This service provides:

- Encrypted storage for sensitive business data
- Hidden encrypted areas for confidential or high-risk information
- Built-in *plausible deniability*[1]
- Compatibility across common operating systems
- Controlled access outside the office

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[1] *Plausible Deniability* is the ability to hide the existence of encrypted data through hidden volumes making it impossible to prove that any additional protected information exists.

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Data Recovery

Lost files don't have to become a permanent loss.

Data loss can feel devastating — but most files can be recovered safely with the right tools.

When Critical Files Become Inaccessible

Accidental deletion, formatting errors, or sudden access problems can put critical files and many hours of work at risk.

Symsyst provides professional logical data recovery designed to restore inaccessible files while protecting confidentiality and data integrity.

Our recovery capabilities include:

- Logical recovery without altering the original media
- Use of advanced tools trusted by investigators
- Secure reconstruction after accidental formatting or access issues

A Clear, client-friendly process

Symsyst follows a straightforward, client-friendly process designed to minimise risk and maximise recovery potential:

- Initial viability assessment with clear expectations
- Controlled recovery attempt
- Secure delivery of recovered data

If recovery isn't possible, you only pay for the initial assessment, with no hidden or unexpected costs.

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Certified Data Deletion

Demonstrable compliance through verifiable data destruction.

> Replacing devices without proper sanitisation leaves sensitive data recoverable. Simply deleting files or formatting a disk is not enough.

Sanitisation Services

Symsyst provides certified data-deletion services aligned with NIST 800-88, Revision 1 to permanently remove information from HDDs, SSDs, USBs and other storage devices.

Clear — Secure Data Removal for Reuse

- Overwrites free space to make deleted data unrecoverable
- Keeps existing files intact
- Ideal for redeployment or internal reuse

Purge — Maximum Security Data Destruction

- Deep sanitisation using secure-erase commands
- Prevents recovery even with forensic tools
- Suitable for disposal, resale or recycling

What Your Business Gains

- Permanent, risk-free data removal
- Certified proof of deletion for GDPR and audit compliance
- Confidence to reuse devices safely or retire them securely
- A professional, consistent process delivered with certified tools

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Password Security

If your password is weak, you can be sure hackers already have it.

> Weak or reused passwords remain one of the easiest ways for attackers to gain access to business systems.

Password-Security Services

Symsyst helps businesses strengthen their credential practices through two essential password-security services.

Password Policy Audit

- Highlights weaknesses across seven key areas
- Practical recommendations aligned with the 2025 NIST SP 800-63B Password Guidelines
- Focuses on password quality, compromised credentials and automated-attack protection

Password Manager Deployment

A secure password manager is an essential defence. We install and configure everything for you, so it becomes simple and intuitive to use.

- Strong, randomly generated passwords up to 64 characters, created without any effort from the user
- End-to-end encrypted storage with 2FA
- Protects private and sensitive information
- Seamless use across browsers and mobile devices
- Email aliases to protect your real address and reduce exposure to spam and tracking

Secure password practices reduce exposure to credential-based attacks and support modern compliance expectations.

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GDPR Compliance

Protecting personal data is a legal requirement, not an option.

> Many SMEs struggle to understand what GDPR expects from them and how to apply it in day-to-day operations.

Your Path to GDPR Compliance

Symsyst helps businesses meet their obligations through practical, actionable guidance tailored to real-world workflows.

We offer three solutions to accelerate compliance:

Pack 1. GDPR Downloadable Documentation

- Ready-to-use GDPR templates tailored for SMEs
- Policies and procedures covering data handling, access and retention
- Documentation to demonstrate responsible data management
- Materials designed to support audits and client-assurance requirement

Pack 2. GDPR Compliance Assessment

- Detailed evaluation of existing data-protection controls based on the official Irish DPC[2] checklist covering nine compliance areas.

Pack 3. GDPR Readiness

- Full customisation of all documentation included in Pack 1
- Completion of the full assessment included in Pack 2
- Clear recommendations to reduce risk and improve compliance
- Data inventory to understand what personal data is held and where

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[2] DPC: Data Protection Commission

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Vulnerability Assessment

See what attackers would see — and fix it first

Most organisations don't realise how exposed they are until a vulnerability is exploited.

A Precise View of Your Current Exposure

Symsyst delivers an automated Network Vulnerability Assessment using a high-quality scanning engine, giving you a clear view of what could be exploited in your systems today.

It's not a generic checklist — it's real scan data, real risk insight and clear priorities tailored to the needs of your business.

Why It Matters

In practice, the assessment enhances your security by:

- Detecting issues early to prevent costly service disruptions and cyberattacks
- Protecting sensitive and confidential client information
- Strengthening compliance with Irish and EU data-protection requirements
- Providing peace of mind with a clear, prioritised view of your security

What you receive

- Live analysis using a high-quality scanning engine with thousands of vulnerability tests
- Clear prioritisation based on the Common Vulnerability Scoring System (CVSS)
- A technical report with clear remediation guidance for high-risk vulnerabilities
- Continued value through follow-up scans that confirm remediation progress

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Parental Controls

Protecting What Matters Most

Stay in control of your child's online world with clear, reliable tools that make digital supervision easier and far less stressful.

Smart Tools for Safer Digital Use

Busy professionals need practical ways to keep their children safe online. A parental control app is a tool that helps you manage how your children use their devices and the internet.

Symsyst installs and configures a trusted parental-control app that allows you to manage device use, block harmful content and support healthy digital habits — all with a small, one-time setup cost and no renewal fees.

Key App Features

- Clear activity reports to understand how devices are being used
- Screen-time limits that encourage balanced routines
- Instant blocking of unapproved websites and apps
- Option to disable the camera on Android for added safety
- Real-time location tracking
- Remote wipe if a device is lost or stolen
- Easy management of multiple devices from one dashboard

What the Service Includes

- Full Installation and Configuration
- A short training session to get you started
- A PDF user guide

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