SECURE & PROTECT YOUR DIGITAL ASSETS

CrimsonLogic cyber security suite of products and services is the ideal choice for your smart nation journey.

CrimsonLogic Cyber Security Services

CrimsonLogic

Solutions. Simplified.

CrimsonLogic Cyber Security Services

CrimsonLogic Cyber Security suite of services is designed to provide detection, monitoring and cyber threat intelligence analysis to enhance your resilience to better manage digital risk. It helps your organisation make an informed decision to address heightened security concerns in the volatile cyber security landscape.

Strategic Review of the Cyber Security Posture

Security Posture Assessment

Our Suite of Services

Managed Security Services

Cyber Security Situational Awareness

Strategic Review of the Cyber Security Posture

CrimsonLogic's team of professional cyber security personnel works with your organisation to perform a strategic review to identity gaps and provide recommendations to facilitate your decision making.

Our cyber security experts is onsite to engage the different user groups in your organisation to perform holistic security strategy and assessment of your current security focus of the company. Interviews and documentation reviews are also performed to provide better recommendations.

Security Posture Assessment

This assessment includes both Vulnerability Assessment and Penetration Testing against your network services, including devices and servers. It will determine if the vulnerabilities are caused by firmware or misconfiguration.

Web Application Penetration Testing covers the Open Web Application Security Project (OWASP) Top 10 and other common vulnerabilities test cases to assess your web applications.

Managed Security Services

The volatility in the cyber security landscape can easily render today's secured system vulnerable very quickly. A Security Assessment followed by real-time monitoring of your system is essential to detect threats and escalate suspected activities promptly. By subscribing to our Managed Security Services, you do not need to invest in costly in-house cyber security systems and personnel.

Key Features of the Managed Security Services

Asset Discovery

Vulnerability Assessment

Threat Detection

Security Intelligence / SIEM (Security Incident Events Management)

Cyber Security Situational Awareness / Cyber Threat Intelligence

Almost all organisations have experienced cyber attacks of varying degrees. However, not all organisations are aware that they are under a cyber attack until it is too late, resulting in data leak or losing the trust of your customers.

In order to be prepared and aware of new emerging threats, Cyber Security Situational Awareness can be enhanced through a cyber intelligence analysis with the implementation of an intelligent platform.

CrimsonLogic works with our partners to provide a Threat Intelligence Platform (TIP) based on a proprietary data analysis system which continually monitors tens of millions of data sources. This platform creates an up-to-the-minute view of your organisation from the hacker's view, and escalates the risks to alert your organisation to take the necessary actions to mitigate the threats.

Risks detected by TIP

Customer data
Personal identifiable information and customer records

Confidential documents
Meeting minutes, M&A (Mergers & Acquisitions) deals, remuneration information, research reports

Software and Code
Software projects and internal systems code

Technical configuration
Firewall settings, backup procedures and software versions

User names and passwords
Leaked by first and third parties

Profile squatting and false identities
Identifying impersonation and abuse

About CrimsonLogic

CrimsonLogic is a trusted partner to governments and businesses globally. For 30 years, CrimsonLogic has partnered with customers to innovate sustainable world-class solutions, products and services in Trade Facilitation, eJudiciary and digital government that positively impact lives and communities.

For more information, contact us at **CSG-Sales@crimsonlogic.com** or **visit www.crimsonlogic.com**

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CrimsonLogic Cyber Security Services
Managed Security Services

SECURE & PROTECT YOUR DIGITAL ASSETS

With best-in-class security products and services and a proven team of cyber security experts, our Managed Security Services is geared to detect, prevent and remediate threats promptly.

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CrimsonLogic Managed Security Services
Cost-effective cyber security protection

Protecting Your Business

CrimsonLogic Managed Security Services is a suite of products and services designed to protect your business from cyber security threats. With best-in-class products and services and a proven team of cyber security experts, our Managed Security Services are able to detect threats in real-time and escalate suspected activities promptly.

Securing Your Data

With the ever-changing cyber security landscape, security is no longer an optional investment but an indispensable business requirement that every organisation needs to address, regardless if you are a Small, Medium Enterprise (SME) or a Multi-National Corporation (MNC). Unsecured networks can cause not only data theft, but also malicious intrusions which can paralyse your business operations. The lightning pace of change in the cyber security landscape can also easily make your existing security systems obselete overnight.

Our Approach

Installation
A security appliance is installed at your network to collect and transfer all event logs securely to our Managed Security Services centre for analysis and monitoring.

Profiling
Our team of proven cyber security experts profiles normal activities against suspicious ones.

Monitoring
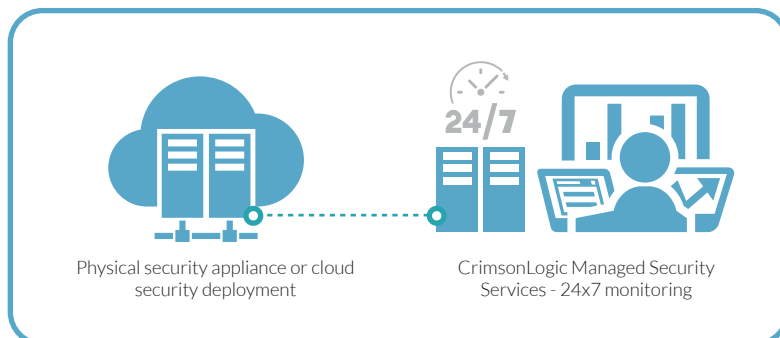Suspected incidents trigger notifications to anticipate cyber threats before they materialise.

Analysis
Our team of proven cyber security experts examines your network traffic to sieve out and block illegitimate traffic.

Report
You are updated on the status of your security system through customisable monthly reports.

Physical security appliance or cloud security deployment

CrimsonLogic Managed Security Services - 24x7 monitoring

By subscribing to our Managed Security Services, you do not need to invest in costly in-house cyber security systems and personnel. With our team of proven cyber security experts monitoring your systems 24x7, you can focus on your core business with a peace of mind.

Key Features

SECURITY INTELLIGENCE / SIEM
- Log Collection
- Event Correlation and Incident Response
- Service Availability Monitoring

THREAT DETECTION
- Network IDS
- Host-based IDS
- File Integrity Monitoring
- Wireless Intrusion Detection

SECURITY INTELLIGENCE / SIEM

THREAT DETECTION

CRIMSONLOGIC MANAGED SECURITY SERVICES

ASSET DISCOVERY

VULNERABILITY ASSESSMENT

ASSET DISCOVERY
- Active Network Scanning
- Passive Network Scanning
- Asset Inventory

VULNERABILITY ASSESSMENT
- Network Vulnerability Testing
- Continuous Vulnerability Monitoring
- Authenticated / Unauthenticated Active Scanning

Benefits

COST-EFFECTIVE
Our Managed Security Services benefit organisations that may not have the experience or resources to take on essential network defence tasks.

DEPLOYMENT EASE
Working closely with you to ensure timely deployment.

UP-TO-DATE TECHNOLOGY
Regular patching of security tools, technology refresh and addition of new tools.
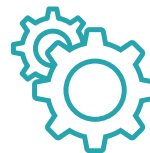
OPERATIONAL EXCELLENCE
Allow organisations to focus on core business activities while improving the efficiency of incident handling activities.

COMPLIANCE STREAMLINING
Easily generate on-demand compact and customise compliance reports or set it to periodic reporting.

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PRIVILEGED ACCESS MANAGEMENT
Seamless, Secure, Safe

A cybersecurity solution which mitigates security risks, secure businesses and protects privileged accounts against identity-based cyberattacks.

Control Privileged Access Across All IT Resources

CrimsonLogic's Privileged Access Management (PAM) is a best-in-class solution which reinforces the privileged access control mechanism to meet compliance requirements. This allows organisations to secure critical assets and maintain confidentiality of sensitive data to ensure the business runs smoothly and uninterrupted.

Enabling Seamless and Secure Privileged Access

1. Simplify

Simplify organisation privileged access via three deployment methods:

- On-premise
- Cloud SaaS
- Managed services

Offer a wide range of third-party integrations, easy for deployment.

2. Enhance

Enhance organisation's security posture beyond the typical privileged access functionality.

Implementation of

- PAM lifecycle approach
- Password policies and rotation capabilities
- Session recording

3. Elevate

Provide a long-term maturity plan tailored to organisation's security posture growth.

Implementation of PAM

We adopt a lifecycle approach which protects critical assets and allows organisations to discover potential loopholes and resolve them using the most appropriate measures.

7. REVIEW AND AUDIT
Audit & analyse privileged account activity.

1. DEFINE
Define & classify privileged accounts, develop IT Security policies.

6. RESPOND TO INCIDENTS
Incident response plan is prepared if account is compromised.

2. DISCOVER
Discover unknown privileged accounts.

5. DETECT ABNORMAL USAGE
Track & monitor user behavior.

3. MANAGE AND PROTECT
Store & rotate privileged accounts.

4. MONITOR
Monitor & record sessions for privileged account activity.

Why Choose PAM?

Centralised Credentials Security

Secure, manage and monitor accounts centrally to meet compliance requirements.

Improve Security

Prevent, isolate and limit malware attacks that leverage privileged accounts.

Decrease Risk of Insider Threats

Protect privileged accounts and reduce risks of breaches from insider threats.

Host the Solution Anywhere, Flexible Deployment

Easy deployment with a wide range of third party integrations available. On-cloud deployment and on-premise installation also supported.

Optimise Resources

Streamlined design for easy control to increase operational efficiency for administrators.

Uphold Compliance

Minimise regulatory failures and failed audits. Avoid significant financial penalties.

CSG-Sales@crimsologic.com   https://www.crimsonlogic.com/

CYBER THREAT INTELLIGENCE
Combating Threats in the Cyber Landscape

CrimsonLogic Cyber Threat Intelligence suite of solutions is your ideal solution to protect your digital assets.

CrimsonLogic Cyber Threat Intelligence

CrimsonLogic Cyber Threat Intelligence is a suite of solutions that allows you to view your organisation in the perspective of an outsider prying into the organisation's possible security vulnerabilities. Our solutions have the capability to discover your organisation's vulnerabilities that could be potentially identified and exploited. It also creates an up-to-the-minute view of your organisation from an outsider's view, escalating the risks for the necessary actions to be taken to mitigate the threats.

Our suite of solutions gathers business risk intelligence from the deep and dark web, track the organisation's digital presence on the surface web and aggregate intelligence from internal or external sources. To increase your Cyber Situational Awareness oversight of your organisation, we utilise early warning indicators to guide your organisation on understanding the potential business risks involved, and how your organisation can better protect your digital assets.

Unveiling the Unseen

As technology advances, there are increasing new threats and vulnerabilities. Leaving these unchecked could result in a higher risk of business loss. Let our Cyber Threat Intelligence be the solution to empower you to be prepared of new and evolving threats.

Stay Ahead

Stay ahead by taking a proactive approach in protecting your data and organisation with the Cyber Threat Intelligence suite of solutions. Our suite provides a 360-degree view of your organisation in identifying potential vulnerabilities, gaining valuable intelligence to better combat cyber threats and attacks from happening.

Customer data	**Cofidential documents**	**Software and code**	**Technical configuration**	**Usernames and passwords**	**Profile squatting and false identities**
Personal identifiable information and customer records	Meeting minutes, M&A (Mergers & Acquisitions) deals, renumeration information, research reports	Software projects and internal system code	Firewall settings, backup procedures and software versions	Leaked by first and third parties	Identifying impersonation and abuse

Key Features

Cyber Risk Reporting

- Scoring based on industrial benchmark
- Quantified Risk Reporting
- Peer Comparison

Digital Footprint, Threat Monitoring and Investigation

- Discover & Organize Internet Assets
- Detect threat infrastructure
- Act / Response on threat detected

Deep & Dark Web Intelligence

- Compromised credentials monitoring
- Automated false positive detection
- Non-invasive integration

Intelligence Gathering & Visualization

- Collect from external and internal sources
- Contextualise through use of Artificial Intelligence (AI)
- Single-Pane-of-Glass view

Benefits

Lowering Risk

Raises the visibility of vulnerabilities that your organisation could be exposed to, reducing the risk of data loss.

Mitigating Data Breach

Protects your organisation's network with the ability to detect suspicious IP addresses, and reduces the risk of getting your network flooded by fake traffic.

Security Efficiency

Streamlines the possible threats, allowing your team to focus on the actual security threats.

In-Depth Cyber Threat Analysis

Strengthening the overall Cyber Security Governance of your organisation by providing you a quick snapshot of the exposed vulnerabilities of your organisation.

About CrimsonLogic

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phidélity®
Innovation You Can Trust

STAY VIGILANT WITH DOCUMENT SECURITY MADE EASY

ANTI-FORGERY | ANTI-COUNTERFEIT | ANTI-LEAKAGE

Phidélity is a product that packs a suite of powerful security features, powered by AI and machine learning, to protect documents from forgery, counterfeit and information leakage. Our easy-to-use solution implements multiple security layers to ensure the authenticity and integrity of your sensitive documents.

4 CONTINENTS

23 PATENTS

5 AWARDS

3 KEY THREATS TO DOCUMENT SECURITY

FORGERY

Unauthorised altering of an original document.

EXAMPLE:
A fraudster changes a numerical figure or a person's identity in the document.

COUNTERFEIT

Unauthorised reproduction of an original document or creation of a document that looks like the original.

EXAMPLE:
A fraudster prints multiple copies of the document or creates a copy with an image editing software.

LEAKAGE

Unauthorised leaking of confidential information or an original document template.

EXAMPLE:
A fraudster acquires the original template from the manufacturer and fills in false information.

BUSINESS CONSEQUENCES

▶ Business data and intellectual property get leaked to competitors

▶ Inconveniences or financial losses through identity theft and fraud

▶ Breaking the law that requires the protection of specific sensitive information

▶ Allowing customers' information to be vulnerable and losing their trust

▶ Having a tarnished reputation of weak business practice

HOW PHIDÉLITY CAN HELP

We can help your organisation prevent the 3 key threats to document security.

This way, your most precious data – including your customers' – will be protected, which is good business practice.

PHIDÉLITY'S MULTIPLE SECURITY LAYERS EMPOWER YOU BY

Authenticating Documents
Ensure your documents are genuine and not tampered with through encryption, seals, watermarks and more.

Tracing the Source
Track where the document comes from and who has gained access to it.

Controlling Access
Restrict the print quantity of the document and allow only authorised parties to manage it.

WHO PHIDÉLITY IS HELPING

Today, the authenticity of documents is being threatened with digital tools and malicious software. Almost every industry has to be on guard.

Phidélity is helping global clients in these sectors to implement powerful document security.

GOVERNMENT

- ► Licences
- ► Permits and Certificates
- ► Stamp Duty Documents
- ► Title Deeds
- ► Classified Documents

CUSTOMS

- ► Bills of Lading
- ► Airway Bills
- ► Cargo Clearance Permits
- ► Certificates of Origin

EDUCATION

- ► Academic Certificates and Transcripts

LEGAL

- ► Notarised Documents
- ► Contracts
- ► Judgement Copies

COMMERCE

- ► Invoices and Receipts

ANTI-FORGERY

Check for unauthorised altering of documents

▶ SecureCODE

A 2D barcode produced on the document that uses PKI technology. Scan the barcode with the SecureCODE Verifier mobile app to check its authenticity. The app works offline too.

▶ Accentuator

This add-on feature to the SecureCODE Verifier mobile app automates the checking of a document's integrity by detecting its contents in real time.

▶ CryptoMark

A lens-based anti-forgery feature that visually encrypts information. Only authorised persons can decrypt it.

SecureCODE

CryptoMark

ANTI-COUNTERFEIT

Guard documents from unauthorised reproduction

▶ **Optical Watermark**

An anti-copy feature that reveals unauthorised attempts to copy a document.

▶ **Transactional Micro-Print**

An extremely tiny string of dynamically generated fine print that appears distorted on a photocopy.

▶ **Deliberate Error**

Errors are embedded at random locations by the original document owner that would be missed by a counterfeiter.

▶ **Print Control**

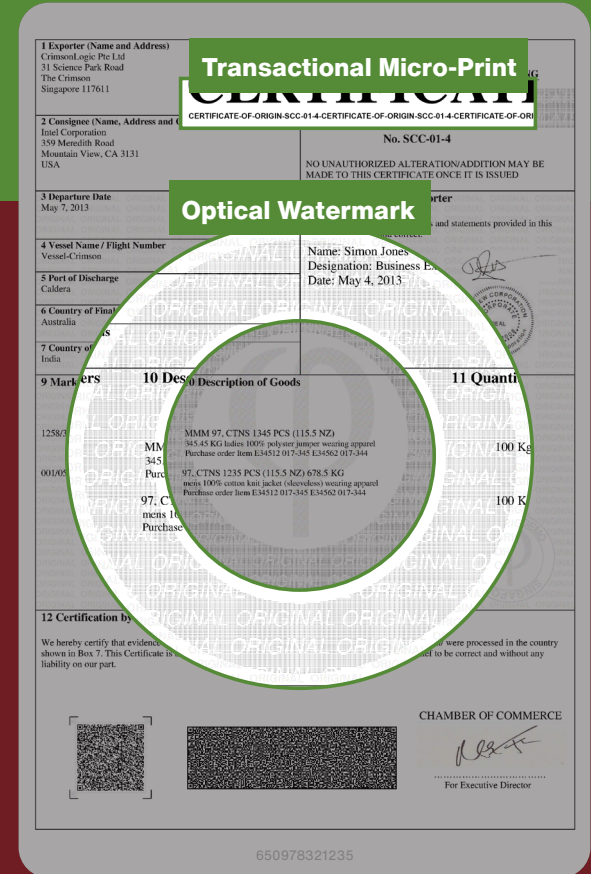Restricts the number of copies that can be printed.

▶ **RepliGuard SecureCODE**

Differentiate between an original document and its photocopy by scanning it with the RepliGuard SecureCODE Verifier mobile app.

▶ **Dynamic Background**

A background with dynamic text generated specifically for each document. It appears faded on a photocopy.

▶ **Dynamic Seal**

A seal with dynamic text generated specifically for each document. Verify the document's authenticity via the seal without special tools.

ANTI-LEAKAGE

Prevent the disclosure of confidential data

▶ **ID-Trace**

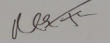An invisible identifier printed onto each document enables tracing back to the source of information leakage.
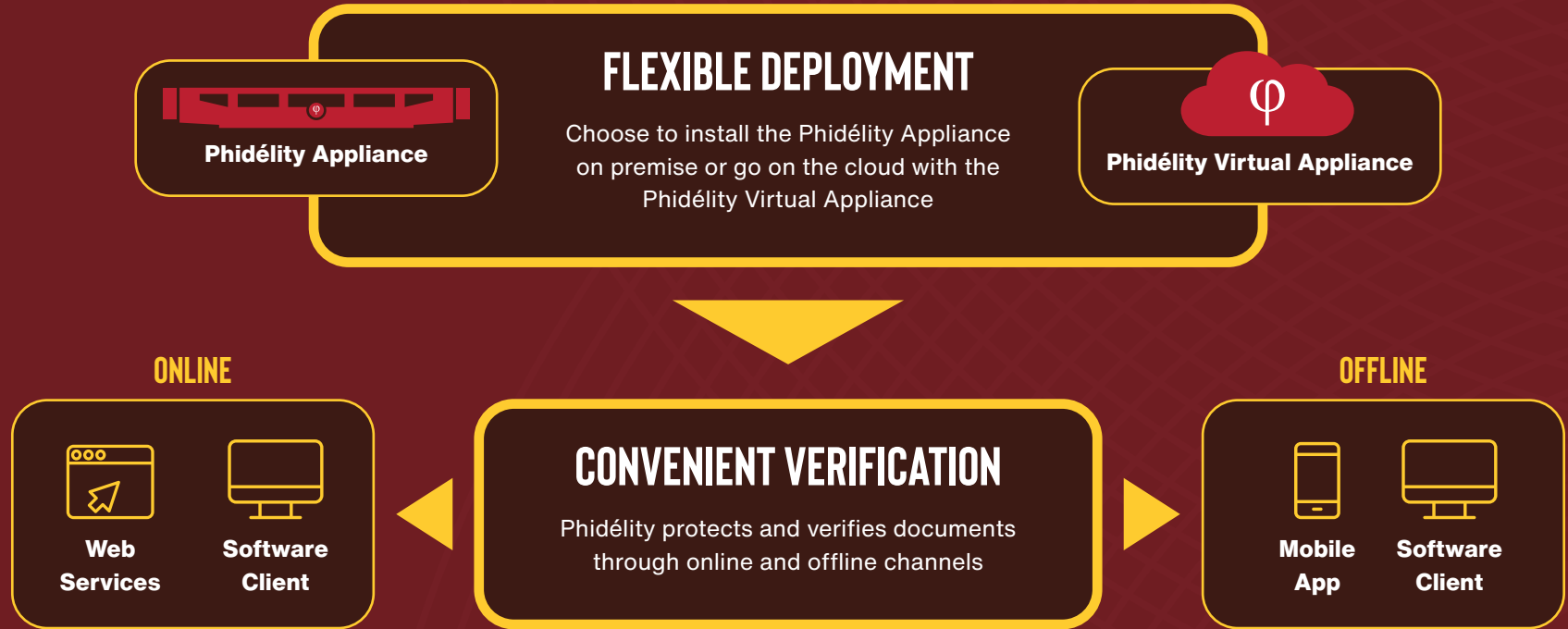
▶ **Page Serialisation**

A unique serial number is assigned to each page of the document for traceability.

▶ **Secure Printing**

Users who have been granted permission will have to authenticate themselves first before printing a document. This ensures the right access and enhanced security for printing.

ID-Trace

1 Exporter (Name and Address) CrimsonLogic Pte Ltd 31 Science Park Road The Crimson Singapore 117611	REPUBLIC OF
	CERTIFICATE OF O
2 Consignee (Name, Address and Country) Intel Corporation 359 Meredith Road Mountain View, CA 3131 USA	No. SCC-01-4

REPUBLIC OF

CERTIFICATE OF O

No. SCC-01-4

NO UNAUTHORIZED ALTERATION
MADE TO THIS CERTIFICATE ONC

3 Departure Date
May 7, 2013

8 Declaration by the Exporter

We hereby declare that the details and statements provided in this Certificate are true and correct.

Signature:

4 Vessel Name / Flight Number
Vessel-Crimson

5 Port of Discharge
Caldera

Name: Simon Jones
Designation: Business Executive
Date: May 4, 2013

6 Country of Final Destination
Australia

7 Country of Origin of Goods
India

9 Marks and Numbers	10 Description of Goods	11 Quantity and Unit
1258/3658	MMM 97, CTNS 1345 PCS (115.5 NZ) 345.45 KG ladies 100% polyster jumper wearing apparel Purchase order Item E34512 017-345 E34562 017-344	100 Kgs
001/05354	97, CTNS 1235 PCS (115.5 NZ) 678.5 KG mens 100% cotton knit jacket (sleeveless) wearing apparel Purchase order Item E34512 017-345 E34562 017-344	100 Kgs

12 Certification by the Competent Authority

We hereby certify that evidence has been produced to satisfy us that the goods specified above originate in/ were processed in the country shown in Box 7. This Certificate is therefore issued and certified to the best of our knowledge and belief to be correct and without any liability on our part.

CHAMBER OF COMMERCE

For Executive Director

Page Serialisation

650978321235

DOCUMENT SECURITY ONLINE AND OFFLINE

FLEXIBLE DEPLOYMENT

Phidélity Appliance

Choose to install the Phidélity Appliance on premise or go on the cloud with the Phidélity Virtual Appliance

Phidélity Virtual Appliance

ONLINE

CONVENIENT VERIFICATION

Phidélity protects and verifies documents through online and offline channels

OFFLINE

Web Services

Software Client

Mobile App

Software Client

WHY CHOOSE PHIDÉLITY

- ☑ **EFFECTIVE** — We ensure multiple layers of security to safeguard the authenticity of both digital and physical documents.

- ☑ **EASY TO USE** — Phidélity requires minimal change in users' printing behaviour.

- ☑ **ON-DEMAND** — Phidélity's security features are dynamically generated using document-specific data.

- ☑ **COST-SAVING** — All of Phidélity's features can be printed from conventional printers. There is no need to spend on special equipment or paper.

OUR PARTNERS

Resellers

Our partners are important players in the Phidélity ecosystem. We work closely with enterprise solution developers, software resellers and printer vendors. Partner with us today by contacting us.

Printer Certification

Phidélity partners with a variety of printer vendors to ensure easy deployment on a wide range of printers. Printer vendors are invited to have their printers certified by Phidélity. Certified printer models will be included into the Phidélity Printer Compatibility list, which is sent to our Phidélity customers and partners worldwide.

AWARDS

Cybersecurity Excellence
Cybersecurity Product/ Service Gold Winner

APICTA
Asia Pacific ICT Alliance (APICTA) Award Winner

Network Products Guide
Best Products and Services Winner

ZDNet Asia
Top Tech Company R&D Champion

ZDNet Asia
Top Tech Company Techno Visionaries Winner

Φhidélity®

Innovation You Can Trust

To learn more about Phidélity
phidelity-sales@crimsonlogic.com
phidelity.crimsonlogic.com

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A member of the PSA Group

Our world-class digital government solutions, products and services create value for citizens and businesses. Together with governments, we enable digital transformation in communities around the globe to positively impact lives.

DOCCIPHER

DOCUMENT SECURITY MADE EASY

The Covid-19 pandemic has irrevocably changed the way we work. One of these changes is the rise of remote working. As we exchange important documents and information remotely, digital document protection becomes even more critical.

HOW DOCCIPHER CAN HELP

DocCipher is an award-winning solution that ensures security, protection and control of your sensitive digital documents with powerful features.

- Phidélity Anti-Forgery Features
- Phidélity Anti-Counterfeiting Features

- Document Rights Management
- Document Validity
- Restricts Prints
- Prevents Screen Capture
- Monitoring & Auto-delete
- Revocation

PROTECTION
CONTROLS
SECURITY
DOCCIPHER

- Prevents Un-authorized Access (Encrypted)
- Prevents Un-authorized Modifications
- Audit Trail
- Critical Infrastructure Security

WHY CHOOSE **DOCCIPHER**

Holistic Approach

DocCipher adopts a comprehensive three-pronged approach of security, protection, and control to safeguard digital documents.

Guard against external threats, prevent information compromise and ensure only intended recipients gain access.

Top-grade Security

Documents are secured with advanced cryptographic technologies to prevent unauthorised access and modification.

DocCipher's security features are dynamically generated using document-specific data for even more protection.

One-stop

DocCipher is a convenient digital document security solution for organisations to seamlessly adapt to their digital transformation blueprint. It also ensures any generated hardcopies are safeguarded.

Print Control

DocCipher can restrict the printing of a document and control the number of copies that can be printed. This helps to mitigate the proliferation of original documents.

Your documents remain safe regardless of where they are stored or how they are delivered. DocCipher can be used across an array of industries, including government, commercial, trade, education, and legal sectors.

Work with Us

Our partners are important players in the DocCipher ecosystem. We work closely with enterprises solution developers, software resellers and printer vendors. Partner with us today by contacting us.

TO LEARN MORE ABOUT DOCCIPHER
phidelity-sales@crimsonlogic.com
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(65) 6887 7888

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