

Effective Communications and Public Relations after a Cyber Security Incident

Richard Knight and Jason R.C. Nurse

Cyber security incidents and attacks are a harsh reality faced by every business today. While one of the primary goals of security measures is to prevent incidents from occurring, your company also needs to be prepared to respond if it becomes a victim of an attack.

Effective communication following a cyber security incident forms a critical element of the activities needed to protect your company's customers, stakeholders, and reputation more generally. This communication goes hand-in-hand with the more technical incident response strategies, to create a broad business continuity approach. These activities are essential for all types of organisations, from small/SMEs to large enterprises.

This document aims to support you in the event of a cyber security incident, by providing new and extensive guidance on how to communicate and engage effectively in such situations. This can inform and complement your existing practices and help to increase the resilience of your organisation if breached.

Specifically, a guidance framework for communication and public relations is introduced below, which provides advice on what organisations should do before a breach occurs (to prepare themselves) and after a breach (to respond in such a way that it reassures customers and stakeholders).

This guidance, it addresses questions such as: **What mechanisms should be in place to best prepare for if a security breach occurs? How should a security breach be communicated to stakeholders? When should it be communicated and by whom?** Answering these questions in the right way can make a substantial difference to how stakeholders respond to the news of a breach.

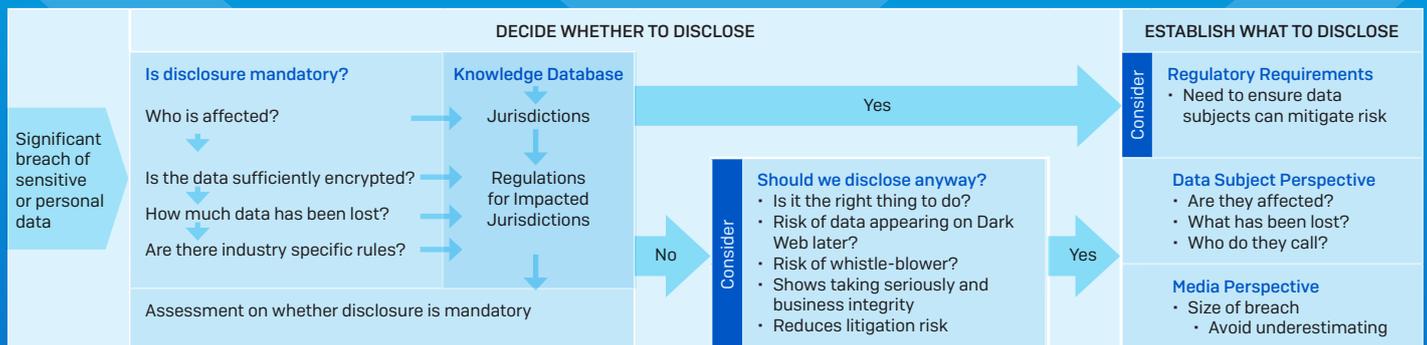
This framework is grounded in industry and academic best practice, and has been evaluated refined through interviews with senior security professionals and crisis response specialists within industry.

A FRAMEWORK FOR EFFECTIVE CORPORATE COMMUNICATION AFTER CYBER SECURITY INCIDENTS

Pre Event

Consider	<p>Establish/Prioritise Post Event Aims</p> <ul style="list-style-type: none"> Protecting Data Subject Managing key Stakeholders Minimise damage to reputation Protecting sales / ability to trade Legal obligations Stock market value Minimising cost to business 	Guidance	<p>Establish and Maintain Crisis Communication Capability</p> <ul style="list-style-type: none"> Agree decision makers and cross functional crisis team Educate, consult and support decision-makers / board Establish crisis information knowledge database <ul style="list-style-type: none"> Jurisdictions trading in and applicable regulations <ul style="list-style-type: none"> For each jurisdiction: <ul style="list-style-type: none"> Industry specific regulations Disclosure benchmarks Sanction regimes Class action risks How is personal / sensitive data encrypted Security gaps identified that could be reputationally harmful Ensure information secured but accessible in event of IT disruption Review internal capability and retain specialists if required Establish draft responses for likely scenarios aligned to key stakeholders Consider website to be activated during a crisis (for FAQs, hotline etc.) Address challenges with mass comms e.g. bulk emails identified as spam 	Guidance	<p>Incorporate Partners and Supply Chain</p> <ul style="list-style-type: none"> Ensure contracts account for breach situations Determine approach if supplier breached Involve key partners in planning and rehearsals
Consider	<p>Determine Security Gaps to inform Communications Response</p> <ul style="list-style-type: none"> Security audits and risks Assess key hygiene factors <ul style="list-style-type: none"> Up-to-date/strong encryption Multi-factor authentication (MFA) Utilise threat monitoring and open source intelligence (OSINT) 	Guidance		Consider	<p>Perform Regular Rehearsals and Testing</p> <ul style="list-style-type: none"> Incorporate communications response within Business Continuity Plans (BCP) and Major Incident Rehearsals Involve key decision makers Work through realistic scenarios Include scenarios for breaches within supply chain

Cyber Crisis Response



Frame the Message

Guidance	<p>Accept responsibility</p> <ul style="list-style-type: none"> You are custodians of their data – apologise Even when a stakeholder (including customer) is at fault (e.g., password reuse) you will be expected to have mitigated through multifactor authentication (MFA) and monitoring <p>Avoid downplaying – may be seen as not taking breach seriously</p> <p>Address feelings of vulnerability for data subjects</p> <ul style="list-style-type: none"> Identify ways data subjects can protect themselves Consider providing credit monitoring – ensure free to customer or this may be seen as profiteering <p>Avoid blaming others</p> <ul style="list-style-type: none"> Blaming hacking groups – gives them the limelight Blaming service partners – can lead to public disagreements 	Consider	<p>Review aggravating factors to avoid message damaging credibility</p> <ul style="list-style-type: none"> Previous data breaches – “Are you really taking security seriously?” Exposure of organisational limitations – “Is your comprehensive security plan that good?” Breach being discovered by third party – “Is the security of customer data really at the heart of what you do?” <p>Take into account age, gender and cultural differences</p> <ul style="list-style-type: none"> Ethical Stance – Gender and age differences Younger generation may be less impressed with credit monitoring as a mitigation <p>Other considerations</p> <ul style="list-style-type: none"> How are you working with law enforcement to bring the culprits to justice? Can you share lessons learnt in due course to help others avoid repeating your mistakes?
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Choose When to Disclose

Select How to Disclose

Consider	<p>Better to notify public as quickly as possible</p> <ul style="list-style-type: none"> Helps address feelings of vulnerability for those affected Important data subjects hear it directly from you first to avoid a loss of trust May be easier to frame public opinion at an early stage in a crisis Obligations around insider trading <p>Balance between accuracy and timing</p> <ul style="list-style-type: none"> Sometimes difficult to ever establish true scale of breach Avoid underestimating <p>Based on regulations for applicable jurisdictions and advice from Law Enforcement</p>	<ul style="list-style-type: none"> If possible, it is important data subjects hear it directly from you first, otherwise it may result in loss of trust It may be appropriate to use all available channels for communication to increase reach 	
	Direct	Indirect	
	<p>Email</p> <ul style="list-style-type: none"> Requires email address May enhance perception of harm and generate negative emotions Can be tailored to target those most impacted Challenges include server throughput and spam filters <p>Website</p> <ul style="list-style-type: none"> Less direct – data subjects need to visit site Can contain FAQs, hotline nos. 	<p>Surface Mail</p> <ul style="list-style-type: none"> More direct and personal Avoids risk of phishing May not have correct (up-to-date) address Expensive and may also be seen as damaging to the environment <p>Telephone</p> <ul style="list-style-type: none"> More personal / caring Resource intensive May not have current number 	<p>Social Media</p> <ul style="list-style-type: none"> Opportunity to set the initial tone of social media posts Interactive so able to set straight negative rumours Risk of negative reinforcement spiral, e.g. “twitter storm” <p>Traditional Media</p> <ul style="list-style-type: none"> Often main source of information for customers Have own agenda and may not focus on the things you want Consider list of trusted journalists to help disseminate

Prepare for Reaction

Guidance	<ul style="list-style-type: none"> Brief staff Ensure sufficient social media / call centre resources Scale up response website and telephony capacity Anticipate move of transactions to non-breached channels 	Guidance	<ul style="list-style-type: none"> Ensure capability in place for dealing with media enquiries Anticipate drop in share price for first few days Put measures in place to disrupt phishing/scam attempts
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Deliver the Message

Guidance	<ul style="list-style-type: none"> Keep the message clear and easy to understand Avoid jargon Keep it simple 	Guidance	<ul style="list-style-type: none"> Ensure CEO / Chair delivers message <ul style="list-style-type: none"> To establish organisation is taking things seriously Reconfirm breach represents crisis to prevent unnecessary escalation In choosing spokesperson consider their capability in front of media
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