

Operational resilience

Testing considerations

January 2021

The fundamental importance of Operational Resilience is understood by businesses that have faced crisis situations, whether they were major IT outages, cyber-attacks, geo-political incidents or any number of physical events such as severe weather, fire or floods. Almost overnight, COVID-19 has become the single greatest threat to the continuity and existence of many businesses. The maturity of an organisation's operational resilience now has the very real potential to dictate whether an organisation will survive.

The Bank of England's aim for Operational Resilience is to "Improve the ability of the financial services sector to absorb the impact of an unexpected event while continuing to perform its most important activities for the UK economy".

Charlotte Gerken, Director, Bank of England, June 2017

The Bank's Prudential Regulation Committee and Financial Market Infrastructure (FMI) Board focus on the operational resilience of the firms and FMIs they regulate.

The operational resilience strategy consists of three key element:





Building resilience

Technology considerations

As companies continue to embrace digital transformation, they need to effectively manage the technology implications to be operationally resilient.

Response and

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Operational threat	Overview
Cyber attacks	Malicious attempt to damage or disrupt a computer network or system, for example DDOS (distributed denial of service).
Customer events	Specific days and times when applications are overloaded, increasing the potential for system outages.
IT change	A system change can impact the resilience of key organisational processes.
Third party	The failure of a third party vendor in providing IT services, such as cloud platforms can lead to disruption.
Natural hazards	COVID-19 has highlighted the need for organisations to focus on resilience against threats from naturally occurring events.

Service availability

Understand the impact Recovery Time Objectives (RTO) based on planned and unplanned events

Cyber security

Use of "Cbest" to measure the levels of cyber resilience an organisation has achieved.

Infrastructure management

"On/off premise" infrastructure architecture strategy built on quality and security principles.

Disaster recovery

Cloud based architectural redundancy can avoid service failure impacting key customer journey processes.

System reliability

Reduce recovery lead time and positively



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Testing challenges



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Testing Partner T: +44 (0) 20 7311 6330 **E:** daryl.elfield@kpmg.co.uk Partner, Operational Resilience Lead T: +44 (0) 7771 337960 E: andrew.husband@kpmg.co.uk

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