

bsi.

● **IATF Contingency Plan VS
Business Continuity Plan**

BSI Thailand

แผนความต่อเนื่องธุรกิจ



Management System Standards

ISO 22301 is good idea/concept for managing disruption.



IATF16949 Automotive Quality Management System

- Contingency plans แผนฉุกเฉิน



ISO 22301 Business Continuity Management Systems

- Business Continuity Plan แผนความต่อเนื่องธุรกิจ



ข้อกำหนด
Contingency plan IATF

IATF 16949, 6.1.2.3 Contingency plans

The organization shall:

- a) Identify and evaluate internal and external risks to all manufacturing processes and infrastructure equipment essential to maintain production output and to ensure that customer requirements are met;
- b) Define contingency plans according to risk and impact to the customer;
- c) Prepare contingency plans for continuity of supply in the event of any of the following: key equipment failures (also see Section 8.5.6.1.1); interruption from externally provided products, processes, and services; recurring natural disasters; fire; utility interruptions; labor shortages; or infrastructure disruptions;
- d) Include, as a supplement to the contingency plans, a notification process to the customer and other interested parties for the extent and duration of any situation impacting customer operations;
- e) Periodically test the contingency plans for effectiveness (e.g., simulations, as appropriate);
- f) Conduct contingency plan reviews (at a minimum annually) using a required;
- g) Document the contingency plans and retain documented information describing any revision(s), including the person(s) who authorized the change(s).

The contingency plans shall include provisions to validate that the manufactured product continues to meet customer specifications after the re-start of production following an emergency in which production was stopped and if the regular shutdown processes were not followed.

Customer Specific Requirement

6.1.2.3 Contingency plans

The Organization shall notify the Ford receiving plant, the buyer and the STA engineer within 24 hours of organization production interruption. The organization shall communicate the nature of the problem to Ford and take immediate actions to assure supply of product to Ford.

Note: Production interruption is defined as an inability to meet the Ford specified capacity volume.



Ford Motor Company
Customer-Specific Requirements

For IATF-16949:2016

Effective 01-Jul-2023

Customer Specific Requirement

TABLE 8 – RISK MANAGEMENT	
Automotive QMS Requirement	Applicable IATF 16949:2016 Section(s)
8.1 Risk Management*	6.1.2.1 Risk analysis*
	6.1.2.2 Preventative action*
8.2 Contingency plans	6.1.2.3 Contingency plans

AUTOMOTIVE
QUALITY MANAGEMENT
SYSTEM DOCUMENT

MAQMSR

Second Edition
September, 2017

**Minimum Automotive Quality Management System Requirements for
Sub-Tier Suppliers**

Sections of IATF 16949 selected for supplier QMS development



**International
Automotive
Task Force**

Manufacturing (การผลิต)

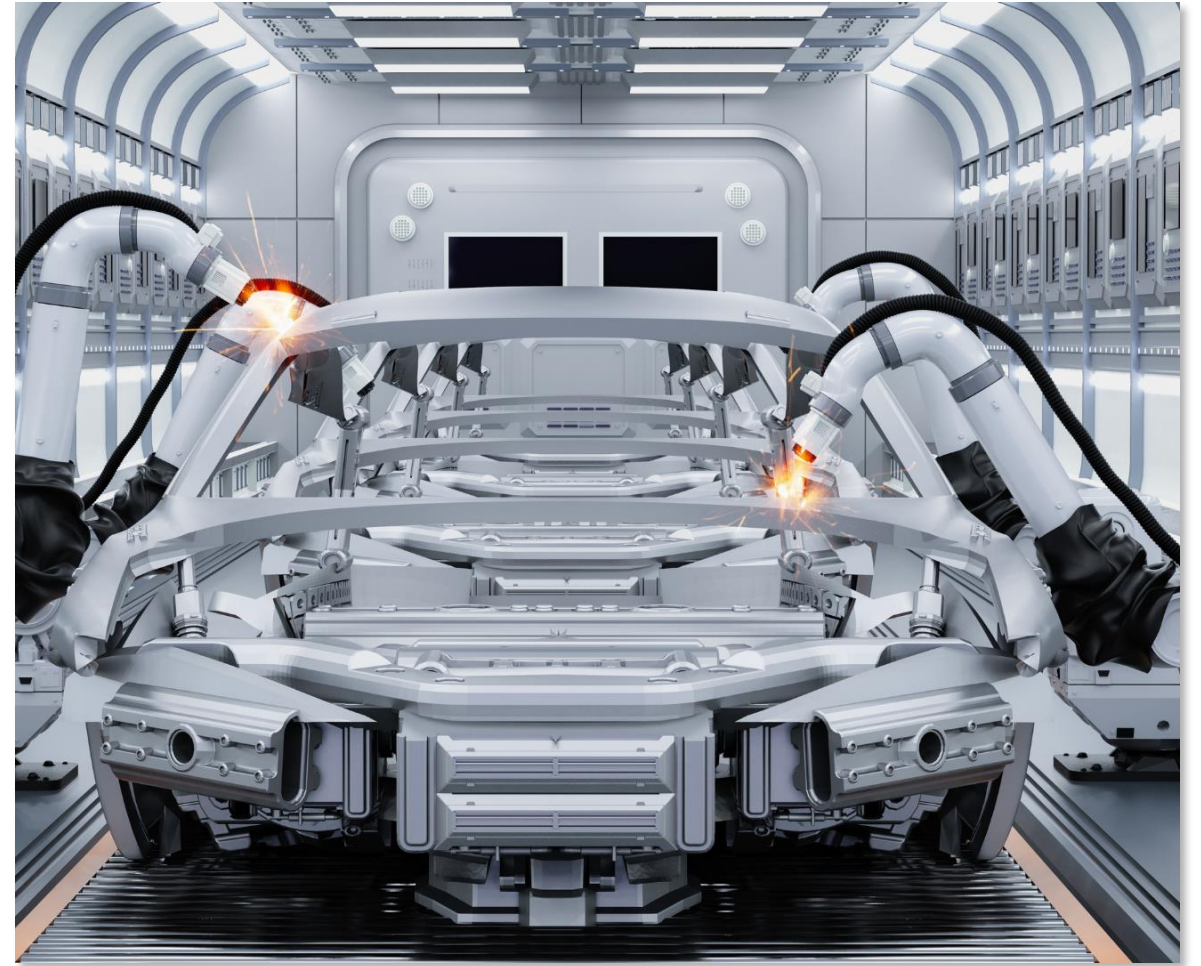
Process of making
or fabricating

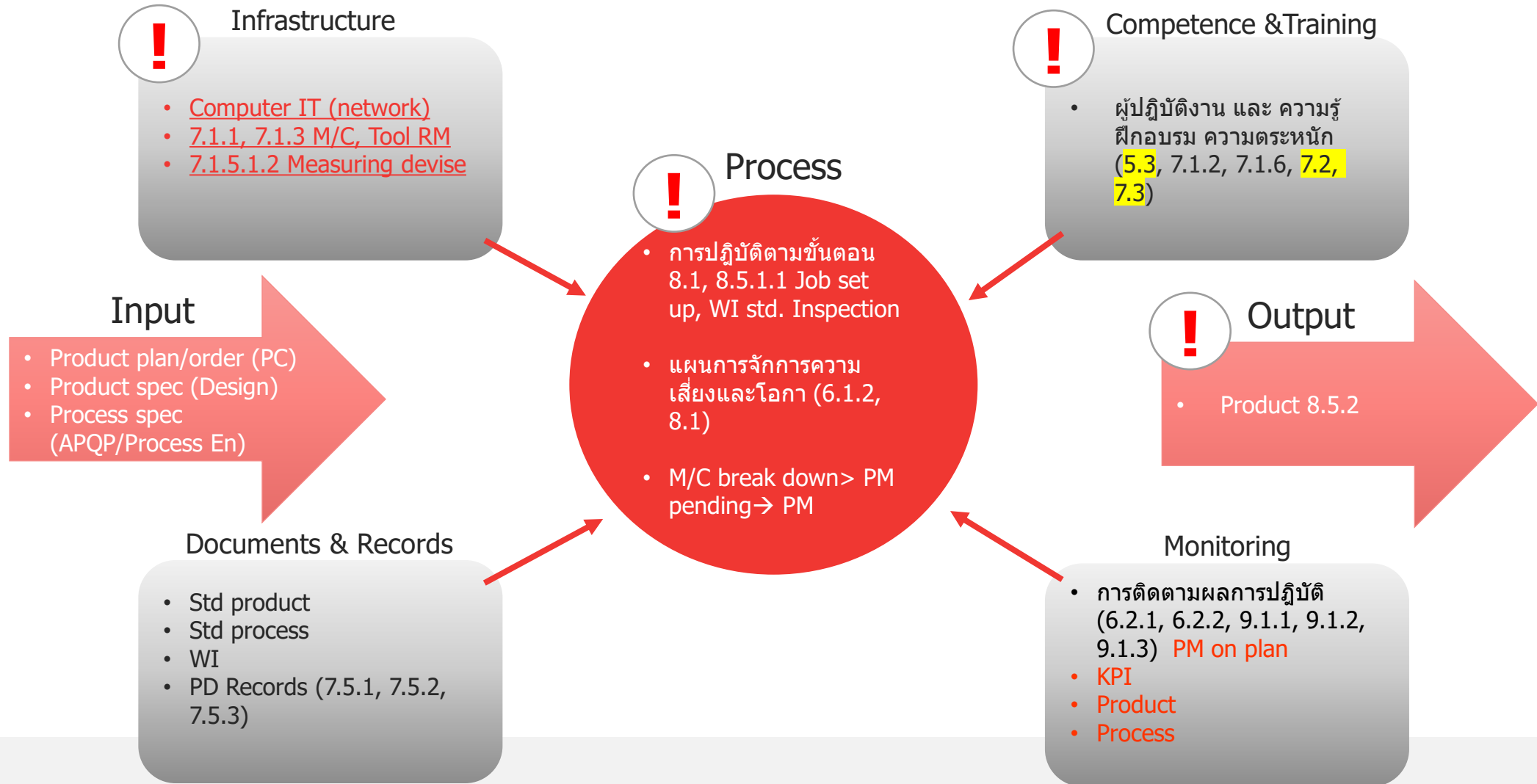
Production materials

Production parts or services parts

Assemblies; or

Heat treating, welding, painting,
plating, or other finishing
services





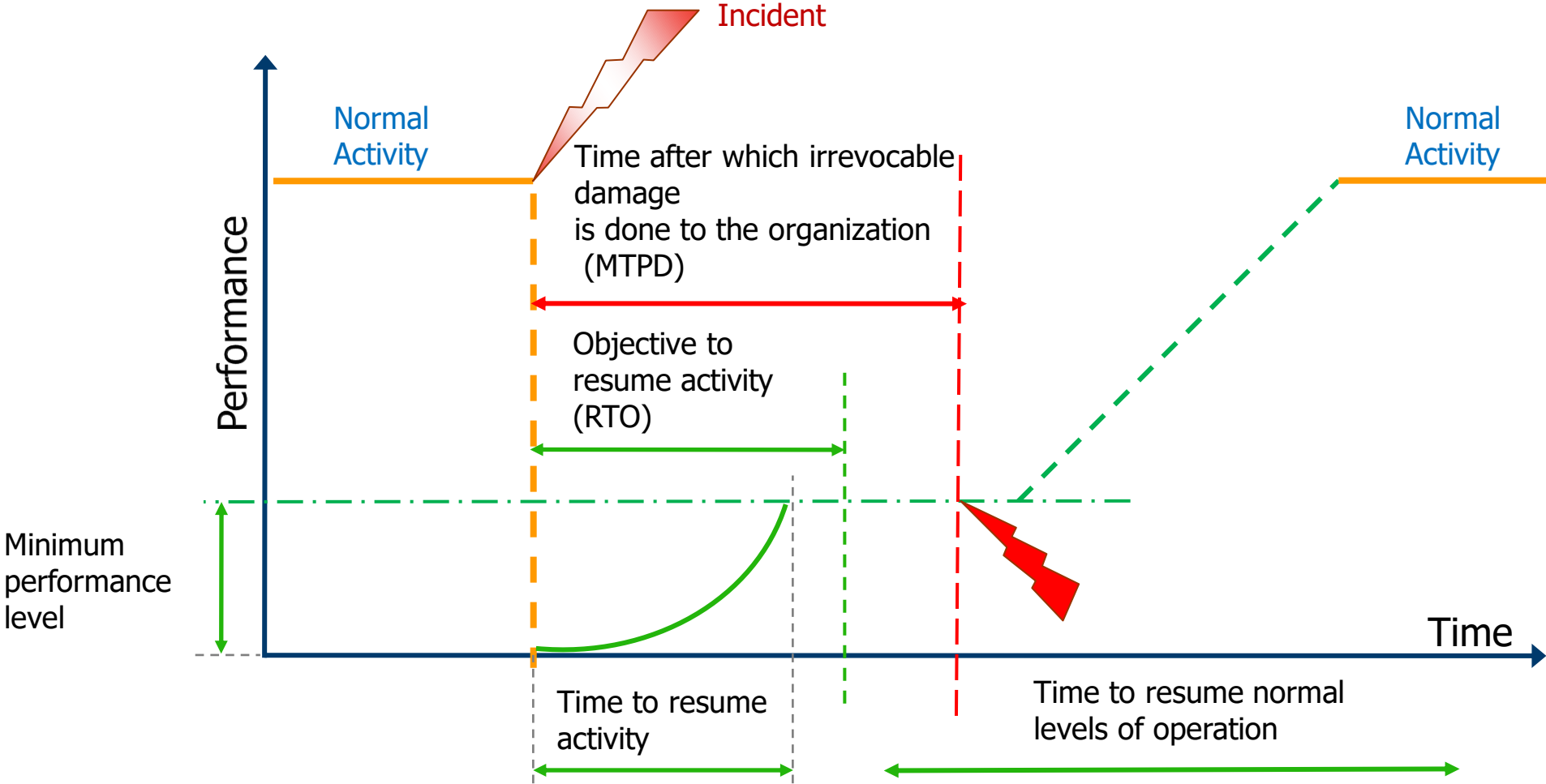
Communicable Disease Risk Assessment from COVID-19

Assess	OHS Risk	BC Risk	Impact	Likelihood	Risk Level	Prevention Plan	Response Plan	Recovery Plan
พนักงานที่จำเป็น	โรคติดต่อ		เจ็บป่วยจำนวนมาก	ปานกลาง (ระบาคภายในประเทศ)	* M	Social Distant, Visitor screen	Spare persons	Investigate , hospital
พนักงานสนับสนุน	โรคติดต่อ		เจ็บป่วยจำนวนมาก	ปานกลาง (ระบาคภายในประเทศ)	* M	Work from home	Spare persons	Investigate , hospital
Raw Material		ผู้ส่งมอบ เจ็บป่วยหรือหยุดงาน	ไม่สามารถผลิตได้	ปานกลาง (ระบาคภายในประเทศ)	* M	Promote awareness	Move alternate	Supplier recovery
อุปกรณ์ supply		ผู้ส่งมอบ เจ็บป่วยหรือหยุดงาน	สามารถผลิตได้ช้า	ปานกลาง (ระบาคภายในประเทศ)	* M	Stock	Move alternate	Supplier recovery
Outsource ขนส่ง		ผู้ส่งมอบ เจ็บป่วยหรือหยุดงาน	ส่งมอบไม่ทันเวลา	ปานกลาง (ระบาคภายในประเทศ)	* M	Back up source	Move alternate	Supplier recovery
ห้องปฏิบัติงาน อาคาร		มีการติดเชื้อ ห้ามใช้	ไม่สามารถผลิตได้	ปานกลาง (ระบาคภายในประเทศ)	* M	Social Distant, Visitor screen	Back up site	Cleaning



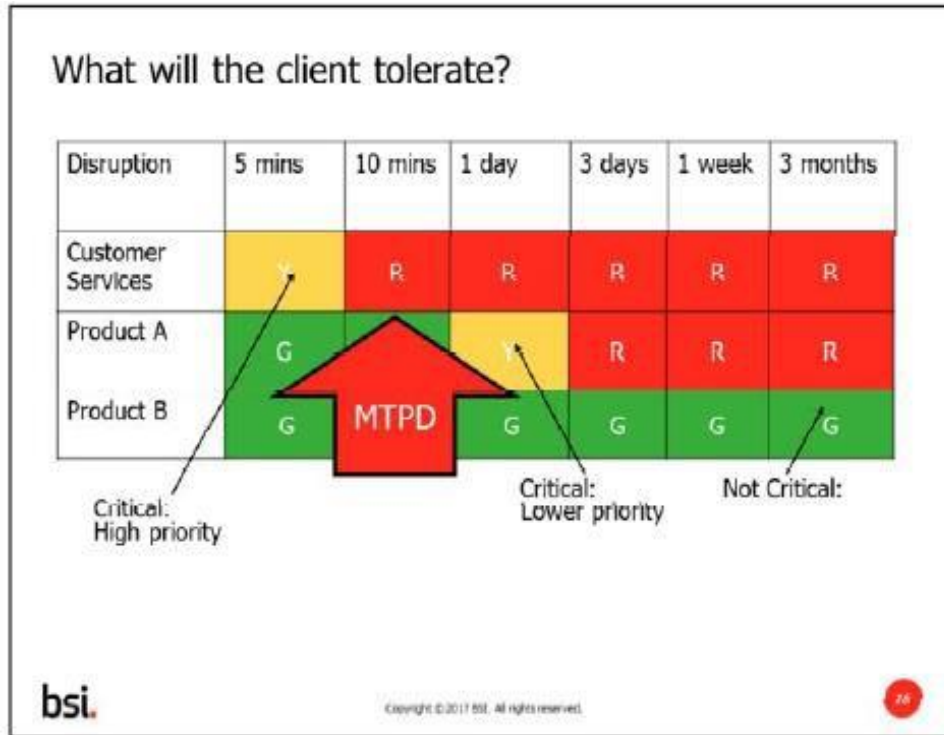
Concept BCMS, BCP

Business Continuity Management Concept



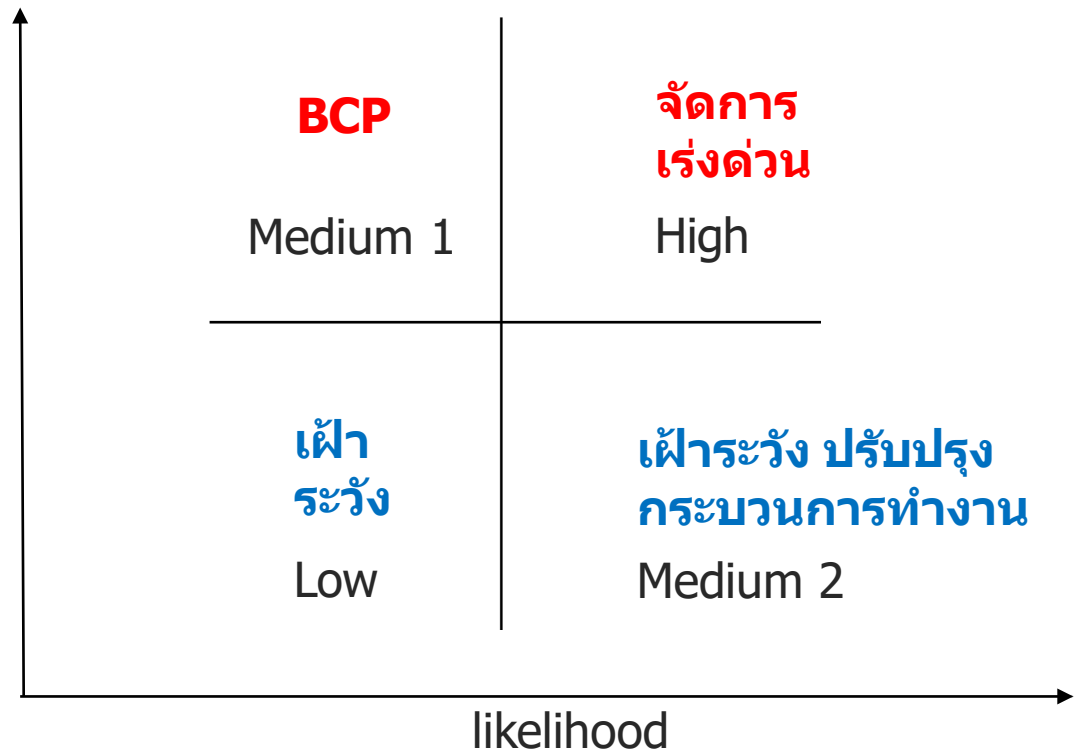
Maximum tolerable period of disruption (MTPD), Risk Matrix

- MTPD



- Risk matrix and treatment decision

Consequence



BC strategies: When do I use a BCP?

Recovery timescales and Business Continuity strategy options

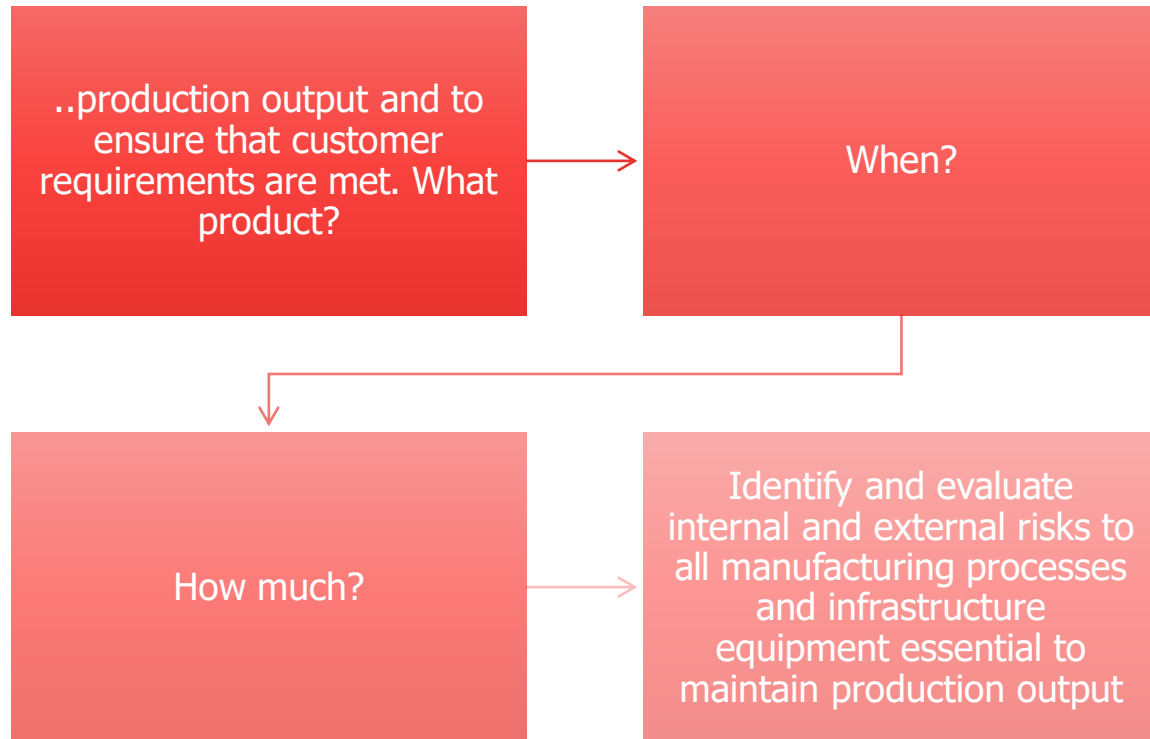
None	Seconds	Minutes	Hours	Days	Weeks	Months	Years
Crisis/Incident Management Plan							
Improve resilience: Duplicate systems, redundancy, avoid single points of failure, carry spare parts, hedge currency funds, ensure political contacts maintained etc.							
			Hold stock, materials, intermediates, products, spare parts on or off site, dual source, use alternative suppliers				
		Business Continuity Plans				To business as usual (BAU)	
					Generally manage in real time after incident		



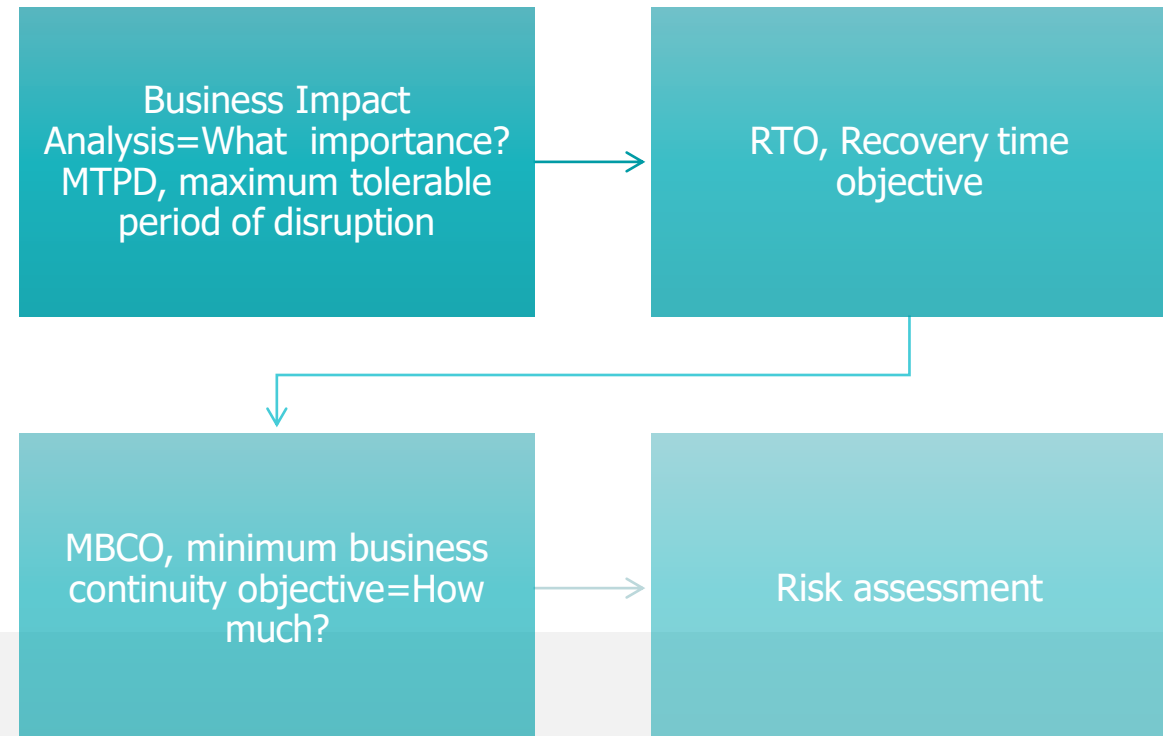
**ความแตกต่าง
Contingency plan
และ BCP**

ความแตกต่าง Contingency plan และ BCP

IATF 16949 Contingency plans

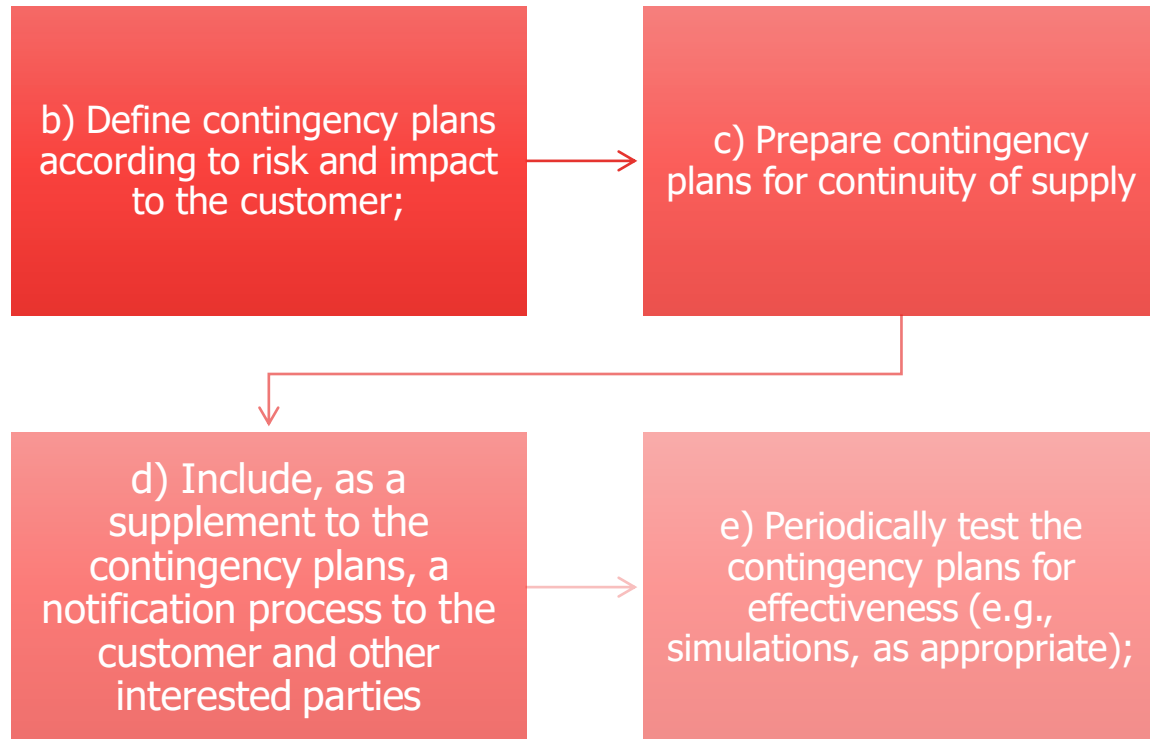


ISO 22301 Business Continuity Plan

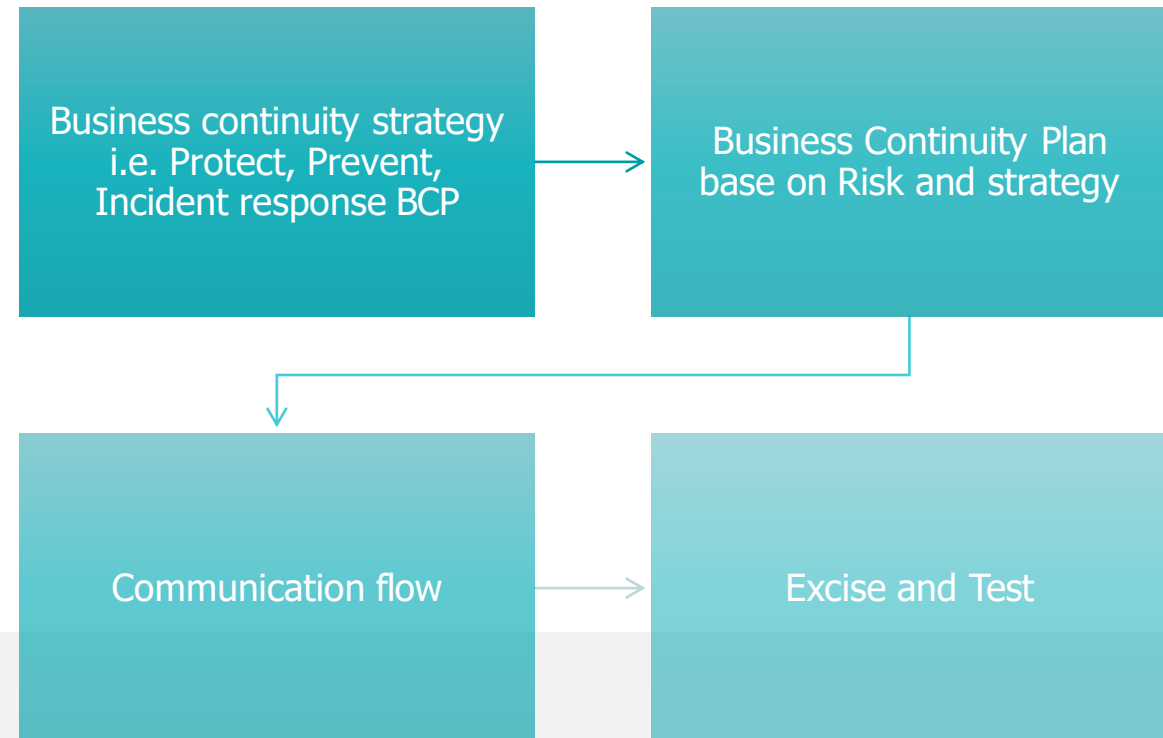


ความแตกต่าง Contingency plan และ BCP

IATF 16949 Contingency plans

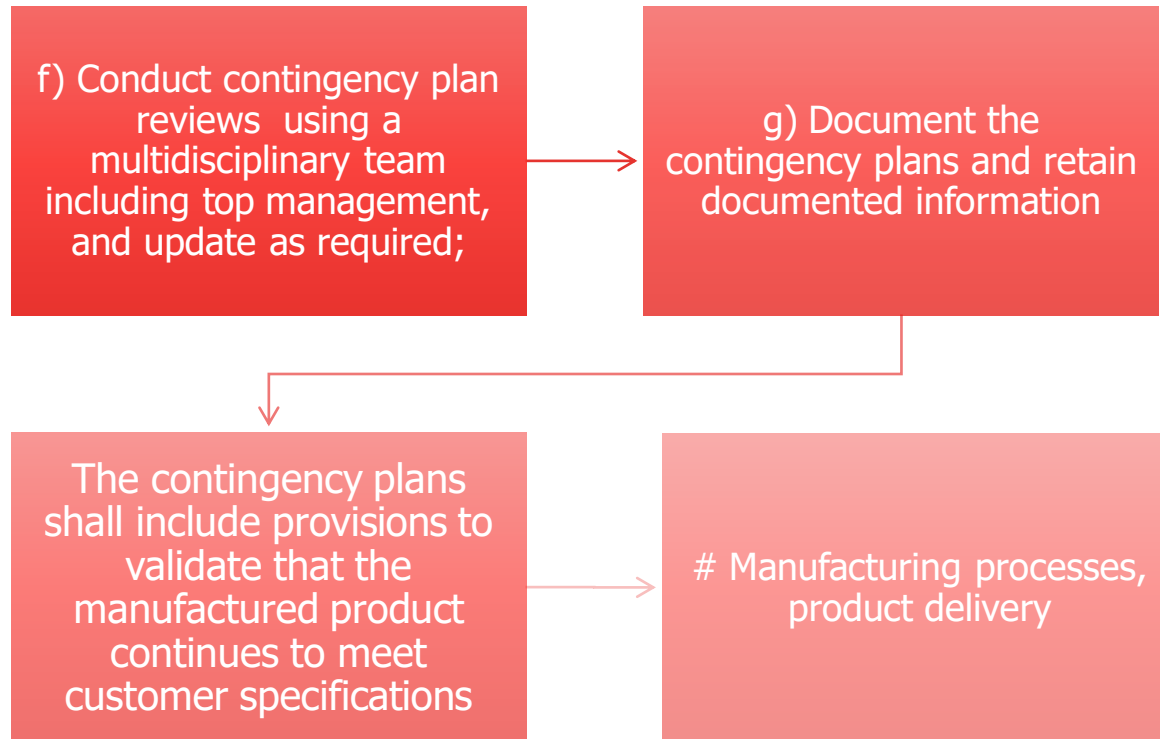


ISO 22301 Business Continuity Plan

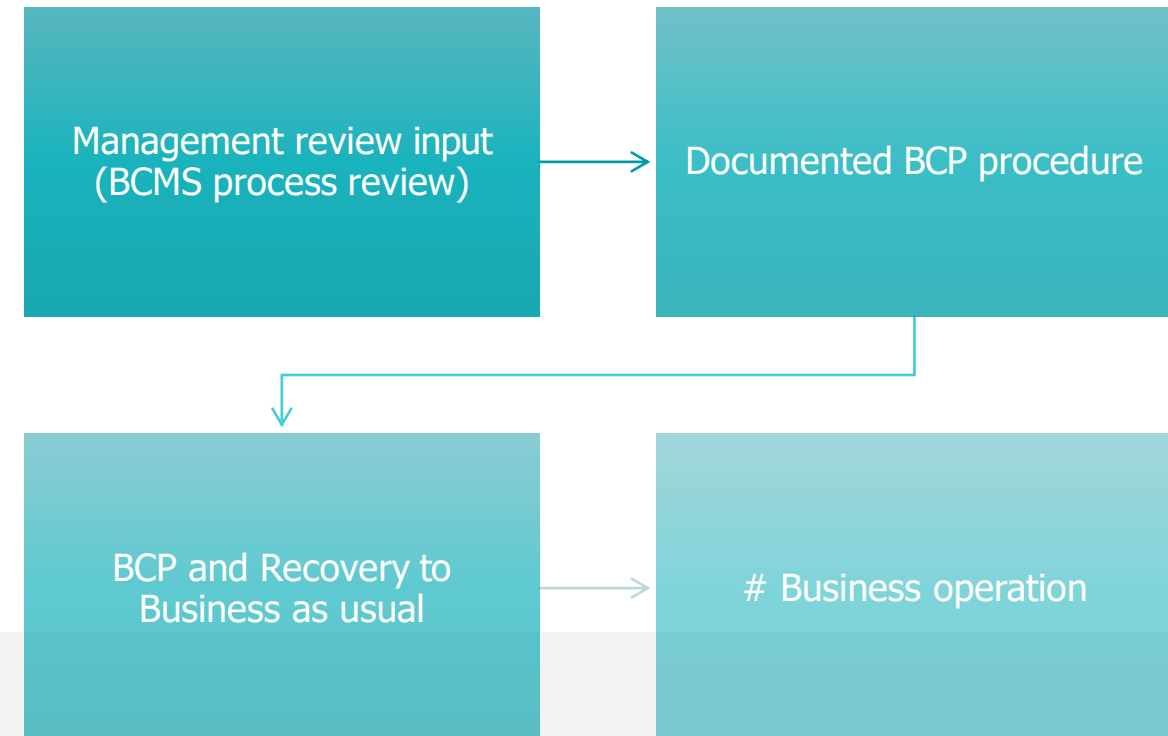


ความแตกต่าง Contingency plan และ BCP

IATF 16949 Contingency plans



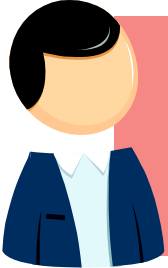
ISO 22301 Business Continuity Plan



Compare and upgrade Management system

Topics	Contingency Plan	Business Continuity Plan/BCMS
Focus	Manufacturing process → Product Delivery	Business Operation process → Product and Service
Planning	Risk to disruption Manufacturing process	BIA/Risk to Business (more than products/service)
Time frame		MTPD, RTO
Detail plan	Response to disruption	Business continuity strategy i.e. Protect, Prevent, Incident response, BCP
Test	Periodically test	Excise and Test

Business continuity planning

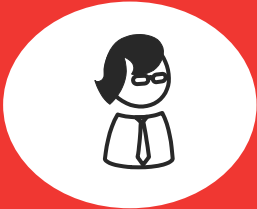


Defined roles and responsibilities for personnel with authority to respond to continuity requirements: Plan owner, deputy/(ies), BC Marshall (like a Fire Marshall or First aider), nominated resources

Plan: to recover prioritized activities within predetermined RTOs



Purpose, scope, objectives, activation criteria, procedure(s)



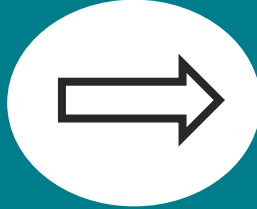
Implementation procedure(s) and resource requirements over time



Communication Procedure(s)

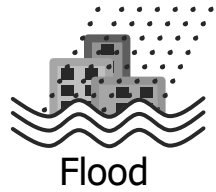


Internal interdependencies and interactions



Information flow and documentation processes (journal)

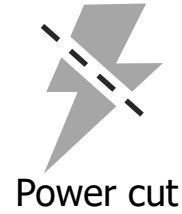
Activity-based plans not disruption-based plans



Plan: Recovery of IT
within 30 minutes

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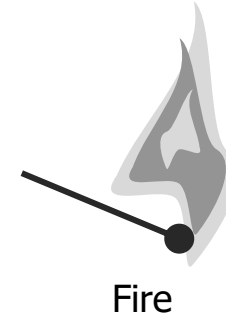
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Plan: Recovery of
helpline
within 1 hour

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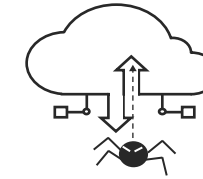
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Plan: Recovery of
finance operations
within 1 day

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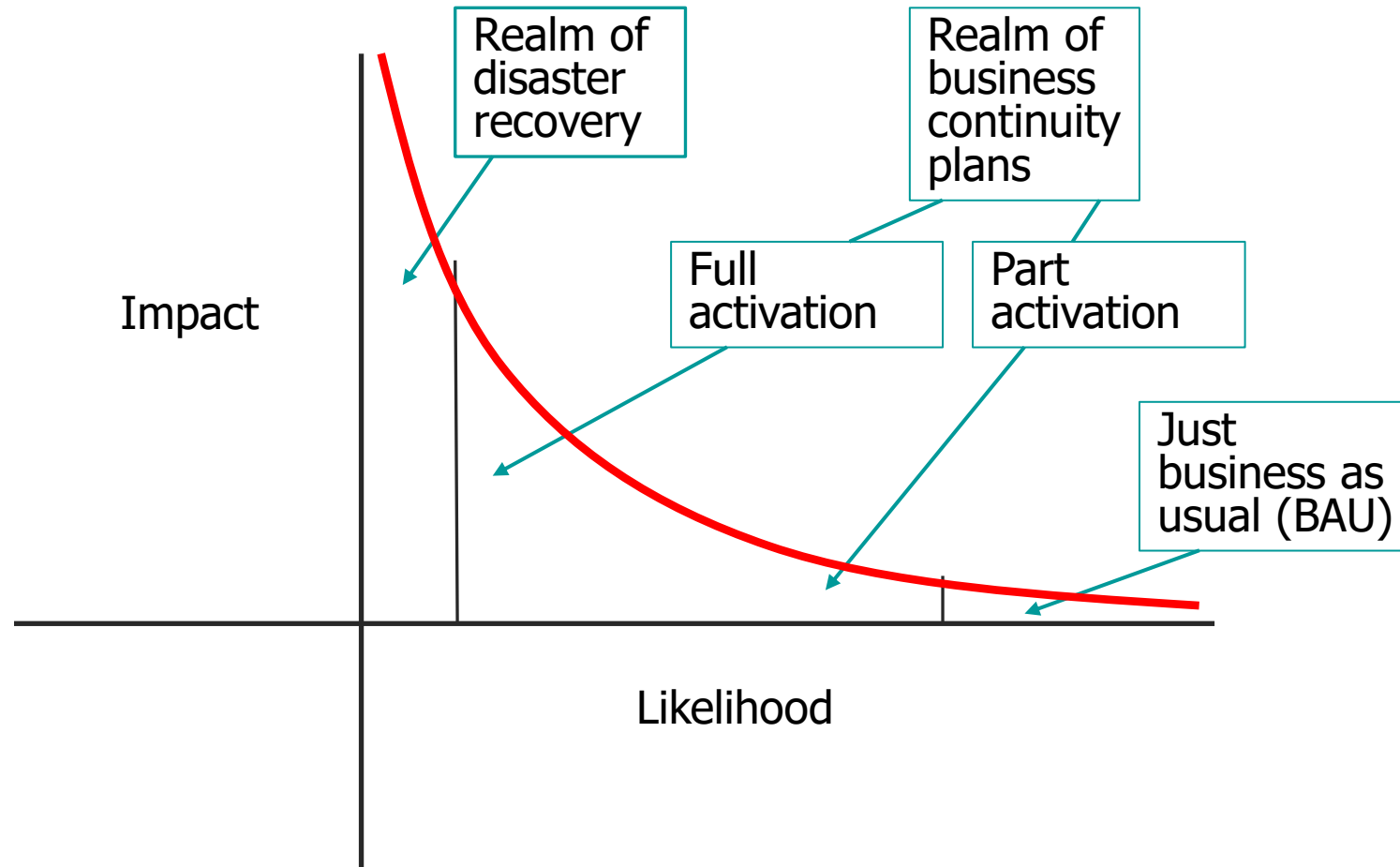
Plan: Recovery
of critical
manufacturing
operations
within 1 week

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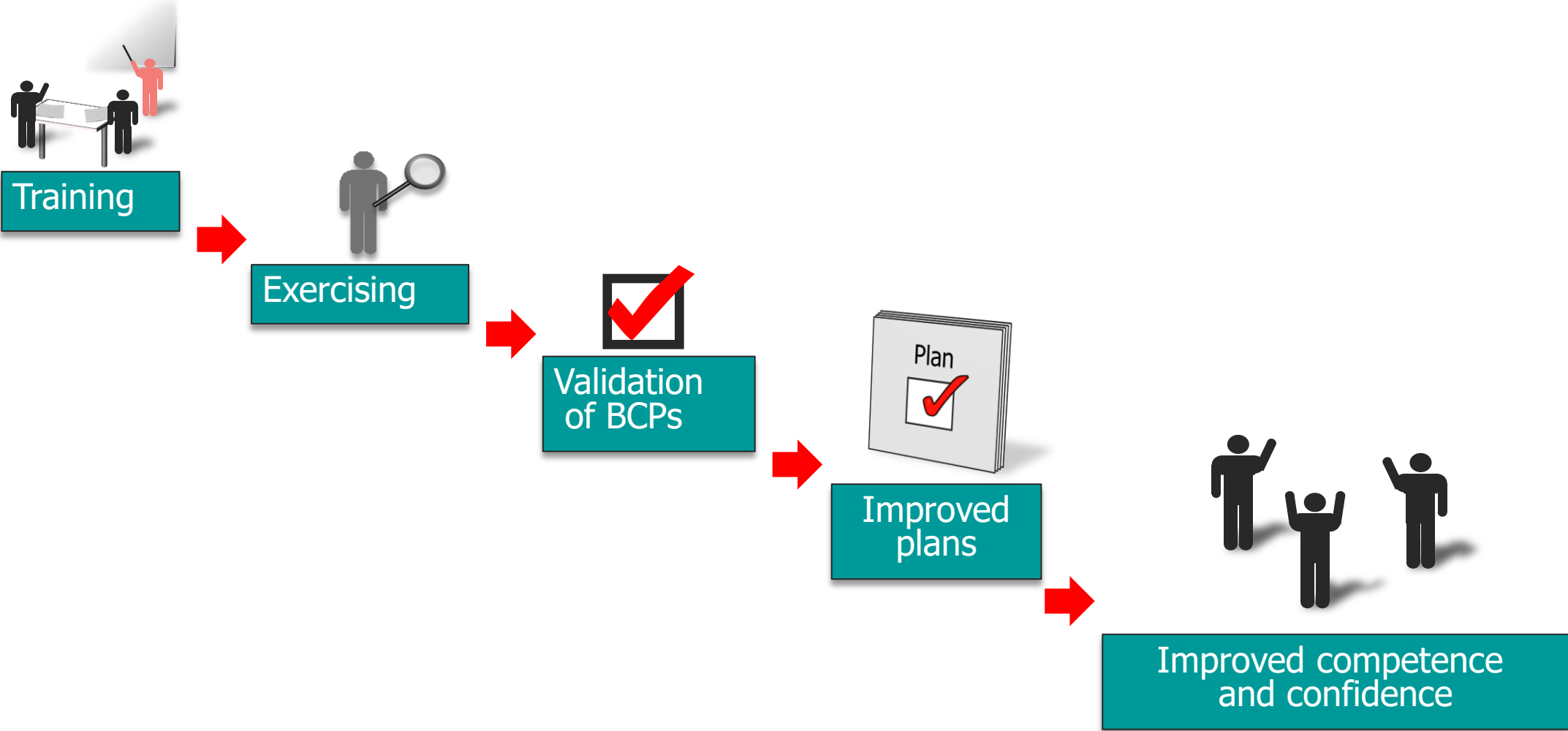
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Plan activation



Exercise purpose



Exercise programmes

1 Walkthrough



Key staff



Undisturbed work environment



The plan



Note taker (scribe)

2 Desktop scenario

As scenario 1 plus:



Given disruptive scenario to test plan



Urgency introduced



Respond in time



Detailed analysis of outcomes

Benefits of Business Continuity Management Systems

Takes advantage of best practices

time, money and other resources are utilized efficiently

“their way” of doing things by:

- ไม่พลาดสิ่งสำคัญ
- ความรับผิดชอบชัดเจน
- อธิบาย ใคร ทำอะไร ที่ไหน เมื่อไร
- ทำงานเป็นระบบ ตามระเบียบ ทวนสอบ ปรับปรุงได้

**How to upgrade
Contingency plan to
BCP**



How to improve Contingency plan

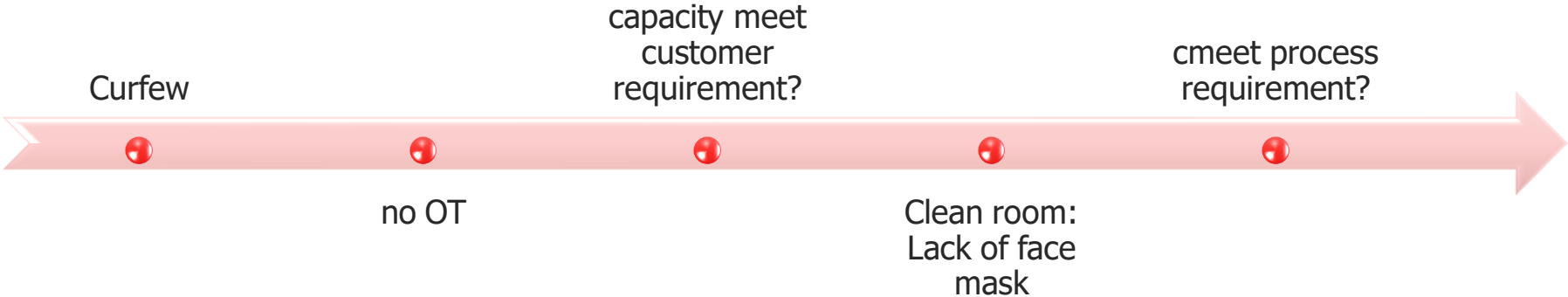
Business Impact Analysis

What is Priority Product, Process?

Time frame?

Risk Assessment

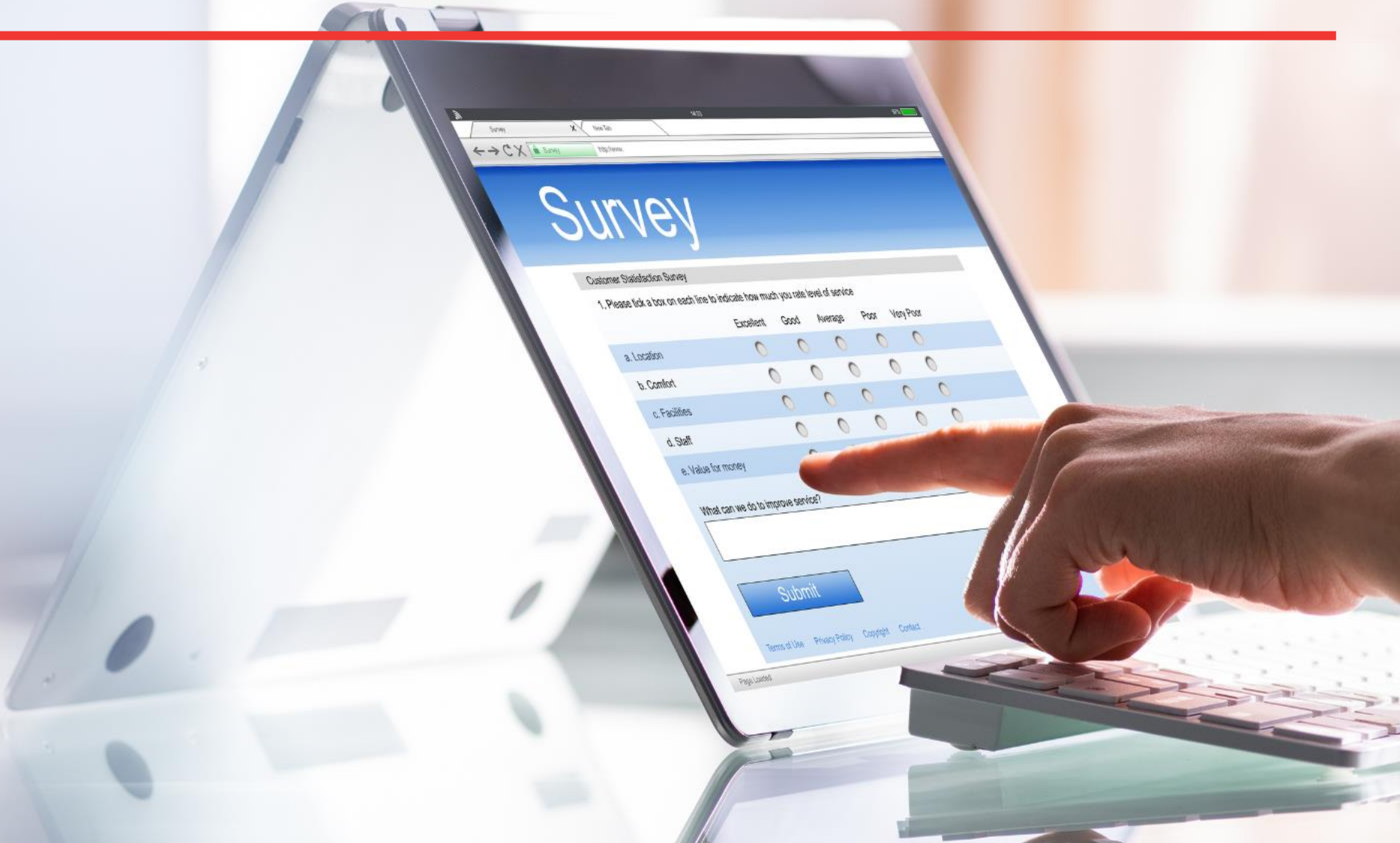
- Risk to Business process i.e.



Detail Plan

- Strategy Protect or Prevent i.e. Visitor screening
- Strategy Transfer i.e. Outsource process
- Strategy Response i.e. Emergency Response, BCP, Recovery

Poll



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