

Annex 1: Examples of the Consequences of an Event That Interfere with Businesses

Examples of management resources (information assets)		Examples of the consequences of events that lead to interruption to the business				Examples of the impact of occurrence of events	
		Availability	Inntegrity	Confidentiality			
Transportatio n	Operation management /Power management systems	Suspension of systems/devices.	✓			- Transportation facilities stop operation, which has an impact on the movement of passengers, etc. - Logistics functions come to a halt, which has an impact on the transportation of cargo, etc. - There will be an impact on human lives when problems arise with safe operation.	
		Loss of operational and control functions.	✓	✓			
		Loss of central management display functions.	✓	✓			
		Display of abnormal operational information.		✓			
		Occurrence of errors in timetable selection.	✓	✓			
		Loss of settings data.	✓	✓			
		Incorrect data recorded under settings data.		✓			
		Incorrect data returned from settings data.		✓			
		Leakage of settings data outside of the company.			✓		
	Reservation (receipt of goods) databases	Suspension of systems/devices.	✓			- Reservation services come to a halt, which has an impact on the movement of passengers, etc. - Receipt of goods comes to a halt, which has an impact on the transportation of cargo, etc.	
		Loss of data on databases.	✓	✓			
		Lag in response from databases.	✓				
Incorrect data recorded in databases.			✓				
Incorrect data returned from databases.			✓				
Leakage of database information outside of the company.				✓			
Power/Gas/W ater supply	Control systems	Suspension of systems/devices.	✓			- Infrastructure comes to a halt, which has an impact on citizens' lives and business activities, etc. - Infrastructure supply to transportation facilities, etc. come to a halt, which has an impact on the movement of passengers and transportation of cargo, etc. - There will be an impact on human lives when problems arise with safe operation.	
		Loss of plant control functions.	✓	✓			
		Loss of supply control functions.	✓	✓			
		Loss of shutoff functions.	✓	✓			
		Loss of monitoring functions.	✓	✓			
		Loss of parameters.	✓	✓			
		Incorrect parameters recorded.		✓			
		Leakage of parameters outside of the company.			✓		
Information and communicatio ns	Broadcasting systems	Suspension of systems/devices.	✓			- The distribution of contents and information comes to a halt, which has an impact on business activities, etc. that are related to broadcasting and advertising.	
		Loss of program control functions.	✓	✓			
		Loss of transmission control functions.	✓	✓			
		Loss of broadcasting contents.	✓	✓			
		Information that is different from the facts is input.		✓			
	Base station/cable databases	Suspension of systems/devices.	✓			- Widespread communication failure occurs, which has an impact on consumer and business activities, etc. that accompany communications.	
		Loss of data on databases.	✓	✓			
		Lag in response from databases.	✓				
		Incorrect data recorded in databases.		✓			
		Incorrect data returned from databases.		✓			
		Leakage of database information outside of the company.			✓		
Finance	Accounting systems	Suspension of systems/devices.	✓			- Deposit and withdrawal services come to a halt, which has an impact on citizens' consumer activities and cash flow for business operators.	
		Loss of accounting data.	✓	✓			
		Lag in response at centers.	✓				
		Incorrect data recorded.		✓			
		Leakage of data outside of the company.			✓		
	Authorizatio n systems	Suspension of systems/devices.	✓			- Settlement services come to a halt, which has an impact on citizens' consumer activities, etc.	
		Loss of authorization messages.	✓	✓			
		Loss of ability to check authorization messages.	✓				
		Lag in response for authorization.	✓				
		Damage to authorization messages.		✓			
		Occurrence of incorrect checking for authorization messages.		✓			
		Leakage of authorization messages.			✓		
	Administrative services	Residents' information systems	Suspension of systems/devices.	✓			- Counter services come to a halt, which has an impact on the provision of services for residents.
Loss of residents' data.			✓	✓			
Loss of certificate issuance functions.			✓				
Incorrect data recorded.				✓			
Incorrect data displayed.				✓			
Leakage of residents' data.					✓		

Due to the consequences of events and their impact as shown on the left, reputation (social appraisal) declines.

[Reference] Perspective required for management resources in order to maintain the business

Perspective	Explanation
Availability	Authorized users are able to use the management resources when necessary.
Integrity	Management resources and information included in the management resources are free from errors (accurate), omission, and inconsistency (complete).
Confidentiality	Only those with the legitimate rights are able to use management resources and information included in the management resources.