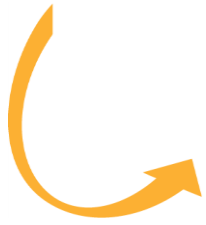




Introduction to Business Impact Assessment Tool

Presented By: ICT Mission Assurance Department,
Q-CERT Division



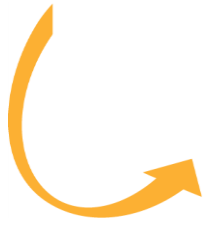
Agenda

- ▶ Introduction to BIA
- ▶ GIA recommended method
- ▶ How the tool works
- ▶ Examples



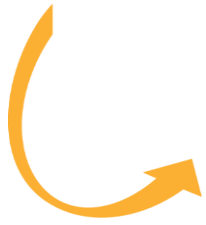
BIA (Business Impact Assessment)

- ▶ It helps to understand the degree of potential loss an organization can face as a result of an unplanned or undesired event occurring.
- ▶ BIA is an information gathering exercise designed to methodically identify the critical business processes.
- ▶ Together with Asset classification and Risk analysis it can provide a foundation for developing a resilient organization.



GIA recommended method

- ▶ A weighted impact assessment using two factors:
 - Organizational level
 - Process level
- ▶ Five impact factors
 - Reputational impact
 - External impact
 - Internal impact
 - Legal impact
 - Economic impact



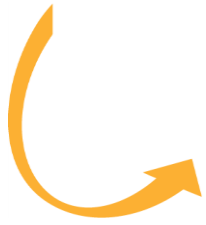
GLA recommended method

- ▶ Formula for computing the overall weighted impact:

$$1.25 * (\alpha_1 I_1 + \alpha_2 I_2 + \alpha_3 I_3 + \alpha_4 I_4 + \alpha_5 I_5)$$

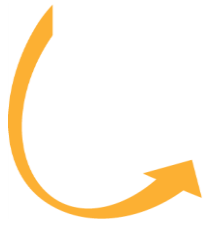
Where α - Organizational impact weight

I- Process impact weight



Using the BIA tool

- ▶ While opening ensure that you click 'Enable Active Content' or 'Enable macros' warning in MS Excel.
- ▶ Input the department names in Organizational Data sheet.
- ▶ Process owners fills in the process impact sheet
- ▶ Organizational impact sheet is access by clicking on the button in the Introduction sheet.
- ▶ Reports are automatically generated.



Examples

- ▶ Organizations Impact factors
 - $\alpha_1 = 3, \alpha_2 = 2, \alpha_3 = 1, \alpha_4 = 2, \alpha_5 = 2$
- ▶ Process Impact factors
 - HR- Recruitment ($l_1 = 2, l_2 = 3, l_3 = 3, l_4 = 2, l_5 = 4$)
 - IT- Networks ($l_1 = 1, l_2 = 2, l_3 = 2, l_4 = 2, l_5 = 2$)
 - IT- Systems ($l_1 = 1, l_2 = 3, l_3 = 3, l_4 = 1, l_5 = 2$)
 - Admin- Procurement ($l_1 = 3, l_2 = 3, l_3 = 3, l_4 = 2, l_5 = 1$)
- ▶ Overall Impact ratings
 - HR- Recruitment = 33.75
 - IT- Networks = 21.25
 - IT- Systems = 22.5
 - Admin- Procurement = 30