Information System terminology in Museums

Eleni Damianou, AKMI SA

In this presentation, we shall introduce learners to the definition of Information Systems (IS), providing them detailed description and related issues to the Museum sector

- At the end of this presentation, you will be able to:

    - recognize requirements for processes related to ICT services;

    - illustrate the development of ICT strategy and policy, including ICT security and quality;

- Information system

  - An organized system for the collection, organization, storage and communication of information

- Information and Communications technology

  - is extensional term for information technology (IT) that stresses the role of unified communications and the integration of telecommunications (telephone lines and wireless signals), computers as well as necessary enterprise software, middleware, storage, and audio-visual systems, which enable users to access, store, transmit, and manipulate information.

Table of contents

- Section 1: Information Systems

  - Definition

  - Information Security

  - Legislation and policies

- Section 2: IS in the Museum

  - Key concepts

  - Examples

Information Systems

- It can be described as a combination of hardware, software, data, business process and functions which can be used to increase efficiency and management of an organization.

- An Automated System which covers people, machines or organized methods to collect, process, transmit and disseminate data representing information for the user or client

- "Directive 2015/1535" of the European Parliament and of the Council laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services;

- "Directive 2016/1148" of the European Parliament and of the Council concerning measures for a high common level of security of network and information systems across the Union;

Information Security

An Information Security Incident is an adverse event in an information system and/or a network that poses a threat to computer or network security in respect of availability, integrity and confidentiality.

Examples of information security incidents

- Unauthorised or accidental disclosure of classified or sensitive information; e.g. emailcontaining classified or sensitive information sent to incorrect recipients

- Theft or Loss of classified or sensitive information; e.g. hard copy of classified or sensitive information stolen

- Unauthorised modification of classified or sensitive information;

- Theft or loss of equipment that contains classified or sensitive information; e.g. laptop

- Unauthorised access by first second or third party to University information systems; e.g. example virus, malware,

- Unauthorised access to areas containing IT equipment which stores classified or sensitive information;

IS in the Museum

- Information and communications technology (ICT) tools have completely altered the way museum curators design many of their exhibits.

- Web-based technologies enhance the design of online learning environments:

    - Digital storytelling

    - Digital exhibitions

- The Integrated Museum Information System (project POLEMON)

creation of an Integrated Museum Information system for implementation at national level, together with an information system for the National Monuments Record

- Investigation of the effectiveness of the museum's exhibit information systems interfaces (ISIs), for enhancing school students' cognitive performances in Australia

- This presentation was about to engage the learners with the IS notion and how it is incorporated in the museum environment while also getting to know the current legislation.

List of references

- Asmidah Alwi and Elspeth McKay, *Investigating an Online Museum's Information System, (2011),* http://www.springer.com/978-1-4419-7611-6

- Dimitris Gavrilis, Giannis Tsakonas, Christos Papatheodorou,*Designing interoperable museum information systems, 2014*

- *Pnina Wentz,* Museum Information Systems: The Case for Computerization, 1989, *https://www.sciencedirect.com/sdfe/pdf/download/eid/1-s2.0-0260477989900800/first-page-pdf*

- The Integrated Museum Information System (project POLEMON), https://www.ics.forth.gr/isl/index_main.php?l=e&c=238

- https://eur-lex.europa.eu/homepage.html?locale=en

Presenter's bio page

Ms. Eleni Damianou is a business consultant and political scientist. She is working in the business and education sector having implemented numerous EU and international projects.

AKMI S.A.

edamianou@iek-akmi.edu.gr

MuSA
museum sector alliance

Thank you for your attention!

Credits

- Author: Eleni Damianou, AKMI S.A.
- Narrator: Victoria Topalidi, AKMI S.A.

- Technical reviewers: Christos Pierrakeas & Panagiota Polymeropoulou, HOU

- Scientific reviewer: Massimiliano Dibitonto, LCU

www.project-musa.eu

musa@daissy.eap.gr

@MuseumSectorAlliance

#MuseumSectorAlliance

HELLENIC OPEN UNIVERSITY

meltingPro LEARNING

ICOM International council of museums Portugal

LINK CAMPUS

Symbola FONDAZIONE PER LE QUALITÀ ITALIANE

U. PORTO

AKMI

Regione Emilia-Romagna
ibc istituto per i beni artistici culturali e naturali

ICOM International council of museums Greece

culture ACTION europe

MAPA DAS IDEIAS