

Digital transformation: an opportunity for innovation in the Archives

The construction of the future in terms of records management and Archives certainly is affected by the digital transformation experienced by organizations. And although it is certain that this transformation from the point of view of the body of laws affects in a direct way to the public sector, it is equally true that these changes must also involve the private sector regarding the relationships established between both, becoming the first one a motor for change.

This development is conditioned by the context in which it occurs that comes from the strategic lines of action resulting from legal dispositions coming from the European Union, which materialize from the publication of the Digital Strategy for Transforming government and its agency (TIC 2015 -2020 Strategy), and they were realized on the recent Law 39/2015, of October 1 on Common Administrative Procedure, and whose entry into force is scheduled for 2 October 2016, with some exceptions, including a electronic unique archive that will have effect from October 2, 2018.

With reference to this situation the Association of Archivists of Castilla y Leon (ACAL) devotes its VII Congress on Archives of Castilla and Leon (Segovia-ESP 2016) to analyze both the impact of the current legal framework in organizations such as the suitability of the doctrine and archival practice with regard to the records management and Archives, by inviting to participate to leading experts in this knowledge.

From the current situation transparency, participation, the role that is given to citizens, and the documents produced and received by organizations in the performance of its competencies happen to be in connection.

Professor of Public Law and State Theory at the University of Santiago de Compostela, Daniel Neira Barral, studies the impact of technology in the management of public organizations, from the perspective of a digital transformation that allows a new management paradigm: the model called open government, one of whose commitments is transparency, and for that Esperanza Zambrano, Council of transparency and Good Governance, identifies and analyzes the keys, agents and entities involved in achieving a culture of transparency. These two positions Francisco Fernandez Cuesta adds, to highlight the shortcomings of the Spanish model files, when to add value in the dynamics for the construction of so-called open government.

This new model of organizational culture will affect the way of records production, so that from the perspective of innovation approach Virginia Moreno Bonilla, Innovation Award 2016, is committed to an innovative model disruptive, socially necessitated that goes through “to partner citizenship of identifying the services considered necessary, the way they are built, and the model of accessibility to the same”. Linking with this approach Isabel Medrano Corrales, Gema Bueno de la Fuente and Eva Mendez Rodriguez studying the weighting of quality of open and exchangeable data that can be extracted from the electronic records, and claimed the necessity for the selection process open data involving stakeholders in them.

If the digital transformation affects public and private organizations, can not fail to affect directly and indirectly to personal, family and community area form and emerging participatory Archivist known, through the management of photography within the family.

Alternatively from the point of view of treatment of the large volume of data being produced in organizations, Granada Jimenez-Vacas, specialist benchmark in the world Big-Data, puts in relation the challenges of records management and processing massive data, seeking the added value that can be inferred from this relationship from several points of view, focusing its attention on this in the analysis of economic and social contribution in economic and social contribution that emerges from the relationship between technology and Archive; which is complemented by the empirical position provided by Xavier Agenjo Bullón and Francisca Hernández Carrascal when they review and examining the impact of EAD3 model in terms of access to open data in the public sector.

In the area of digital transformation, electronic records management and Archive methods designed for an analogic world, not digital, it is submitted to

highlighting the impact on production of records and their management over time means this new scenario.

For this Antonia Heredia Herrera, PhD, subjected to consideration if records management (analog) and electronic records management is considered from a global point of view a singular management, or whether conversely to be space and times management different can be differentiated. Meanwhile Joan Carles Faus, Technical Process and Administrative Archive of the Municipality of Gandia, places its analysis in space and time of the digital transformation based on the concept of efficiency, the development of models documentary reengineering applied from the design administrative processes, allowing, remove unnecessary burdens documentary, marking an important difference that will lead to the digital transformation also in the Archive, from the point of view of process planning management, conservation and recovery.

The transformation comes from the hand of the impact that technology has on our surroundings are something obvious, but those changes have to schedule to manage them. In this space Gerardo Bustos Pretel by the General Department of Information, Documentation and Publications of the Spanish Ministry of Finance and Public Administration, circumventing “uncertainties, unknowns and unconscious immobilities of the new paths that constitute the invisible enemy” analyzes the course of production and management of electronic documents, circumscribed by two organizational agents: policy records management, and the feature set of records management developed on the technological tool, *Archive*, which allows the conservation and management over time of those proof digital objects of rights and obligations between the parties, which are the records.

From the point of view of records management policies not all organizations have taken organizational and management changes that are triggered M. del Carmen Fernández-Vega elaborates on this analysis, from the context of interoperability.

On the other hand in relation to these policies and the adoption of Open Archival Information System (OAIS) as a model for conservation management of electronic documents long-term Pepita Raventós and Alessandro Alfier They note as from the reality of two institutions: the file University of Lleida and archival dell’Emilia-Romagna Polo “(parer) - Italy, this standard does not seem to respond to all the requirements of producers and archivists in terms of permanent preservation.

If important is planning for the design, identification, production, and development of records management electronic systems, it is no less the role of technical knowledge provided by the professional archivists to this transformation, we can not forget the intrinsic records value as constituting

records heritage of the State, and in this sense planning for permanent conservation must be considered from the initial planning. Thus, Severiano Hernández Vicente Fernández and Blanca Desantes, show the role, responsibility and functions assumed by the General Department of Archives in the process of digital transformation.

To these powerful analysis, we add those that refer to the use of digital identity and social networks by the municipal archives of the provincial capitals in Spain; the definition of management methodologies and tools for innovation; and reality regarding storage needs generated by the large production volumes of information that seem to translate into conservation in the so-called cloud.

A singular fact in the transformation, especially from the publication of the Law 39/2015 of Administrative Procedure is to consider the digitalization of records to be one of important milestones to approaching, and in this sense we rely on two examples of execution of this process that affect in the digitalization of documents from two concrete practices that of the Territorial Archives, and that of the Provincial Government, both in Palencia.

Probably a little in what we never stop to thinking it is that the functioning of the technological tools depend on strategic external sectors as the energetic one. What happens if this one becomes exhausted and do not we have strategies of contingency? Fátima Rodríguez Coya, calls the attention on this point with regard to the sustainability of the systems of management of documents.

Archival as a discipline has determined the technical the technical processes that have to occur on the records, and between them singular importance has received from always the description, for being one of the most relevant ways for the access to the records content. In this respect Javier Requejo, it takes us into a current view of this practice whose object is not only the document, but multiple agents and entities related to it, and based its study on the Conceptual Model Archival Description, driven from the State Archives.

Obviously the world of the records management of documents, and Archives it has not been invented in the 21st century, but it surrenders to the necessary digital transformation, as the rest of entities and agents of the organizations. There re-takes advantage for the change the knowledge transmitted by generations of Archival professionals throughout the time, since to transform and to innovate they have undoubtedly someone an important foundation in the transmission and evolution of the knowledge. And it is this sense, in this Congress, and in this 25 anniversary of the constitution of the Archivists' Association of Castile and León, it is necessary to remember of this way the received inheritance, from the mythical *Cartilla de catalogación de Archivos* by Matilla Tascón, the work of Carlos Álvarez, and revitalizing vitality

of María Jesús Fernández Gutiérrez, archivist at the city of Burgos; as well as the important contributions that have left two active contributors to the magazine *Tabula* Terry Cook and Monsterrat Sebastiá Salat. Carpe Diem.

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