



# InterPARES: INTERnational Research on Permanent Authentic Records in Electronic Systems

## An International Collaborative Research Initiative



**InterPARES Project**  
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# RESEARCH GOAL

- To develop the theoretical and methodological knowledge essential to the permanent preservation of authentic records generated and/or maintained electronically, and, on the basis of this knowledge, to formulate model policies, strategies and standards capable of ensuring that preservation.



# RESEARCH DOMAINS

- Conceptual Requirements for Preserving Authentic Electronic Records
- Appraisal Criteria and Methods for Selection of Authentic Electronic Records
- Methods and Responsibilities for Preserving Authentic Electronic Records
- Framework for the Formulation of Policies, Strategies, and Standards



# DOMAIN 1 QUESTIONS

- What are the elements that all electronic records share?
- What are the elements that allow us to differentiate between different types of electronic records?
- Of those elements, which will permit us to verify their authenticity over time?



# DOMAIN 1 cont'd

- Are the elements for verifying authenticity over time the same as those that permit us to verify their authenticity in time, i.e., at the point at which they are originally used?
- Can the elements be removed from where they are currently found to a place where they can more easily be preserved and still maintain the same validity?



# CATEGORIES OF ANALYSIS

- Extrinsic Elements
- Intrinsic Elements
- Annotations
- Medium
- Context



# EXTRINSIC ELEMENTS

- Presentation features
- Electronic signatures
- Electronic seals
- Digital Time Stamp of TTP
- Special Signs



# INTRINSIC ELEMENTS GROUP 1

- Name of Author
- Name of Originator
- Chronological date
- Name of place of origin of record
- Name of Addressee(s)
- Name of Receiver(s)





# INTRINSIC ELEMENTS

## GROUP 2

- Indication of action or matter
- Description of action or matter



# INTRINSIC ELEMENTS

## GROUP 3

- Name of writer
- Corroboration
- Attestation
- Qualification of signature



# ANNOTATIONS

- 1. Additions made to the record after its creation as part of the execution phase of an administrative procedure.
- 2. Additions to the record that reflect subsequent actions taken after the creation of the record *to handle the activity or the matter* in which the record participates.
- 3. Additions to the record that reflect subsequent actions taken after the creation of the record *to handle the record for records management purposes*.



# MEDIUM

- The physical carrier of the record



# CONTEXTS

- Juridical-Administrative
- Provenancial
- Procedural
- Documentary
- Technological



# TECHNOLOGICAL CONTEXT

- Hardware
- Software
- Data
- System models
- System administration



# TYPOLOGICAL FRAMEWORK

- Dispositive
- Probative
- Supporting
- Narrative



# INTER PARES WEB SITE

- <http://www.interpares.org>

