



DIGITAL TRANSFORMATION WITHIN THE ADMINISTRATION OF JUSTICE

General Directorate for Digital Transformation
of the Administration of Justice
2021



GOBIERNO
DE ESPAÑA

MINISTERIO
DE JUSTICIA

DIRECCIÓN GENERAL DE
TRANSFORMACIÓN DIGITAL
DE LA ADMINISTRACIÓN DE JUSTICIA



AGENDA
2030

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Multiple competencies in the field of justice.

- Services are provided by the Autonomous Communities.
- General Council of the Judiciary.
- Prosecutor's office.



Digital Justice in Spain is a reality.

- Existence of the Electronic Judicial Record.
- Compulsory relations by electronic means with the professionals of the justice system.



An increasingly adapted and digitalized justice system.

- Conducting trials and other legal proceedings, included in the criminal area, through videoconferencing.

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2. GENERAL DIRECTORATE FOR DIGITAL TRANSFORMATION OF THE ADMINISTRATION OF JUSTICE

From the General Directorate for the Digital Transformation of the Administration of Justice, we are **providing the Administration of Justice with the most advanced technological solutions in order to achieve a more modern, efficient and agile Justice**. These initiatives are part of a national strategic project, Justice 2030.



This Digital Transformation requires a robust technological organization with all the legal and security guarantees that support the operations of the Administration of Justice, as well as the definition of a governance model that guides the challenges of the transformation and promotes continuous improvement.



Royal Decree 453/2020, of March 10, which develops the basic organic structure of the Ministry of Justice.

THE ROLE OF THE MINISTRY AND THE DGTDAJ IS THREEFOLD

Provision of ICTs services

as to any other ministry, within the scope of its competences (for example: civil registry).

Provision of ICTs services

As Autonomous Communities in the non-transferred field

Provision of common services to the entire AJ

Or by own competence (such as SIRAJ) or interoperability node (such as notifications)



GOBIERNO DE ESPAÑA

MINISTERIO DE JUSTICIA



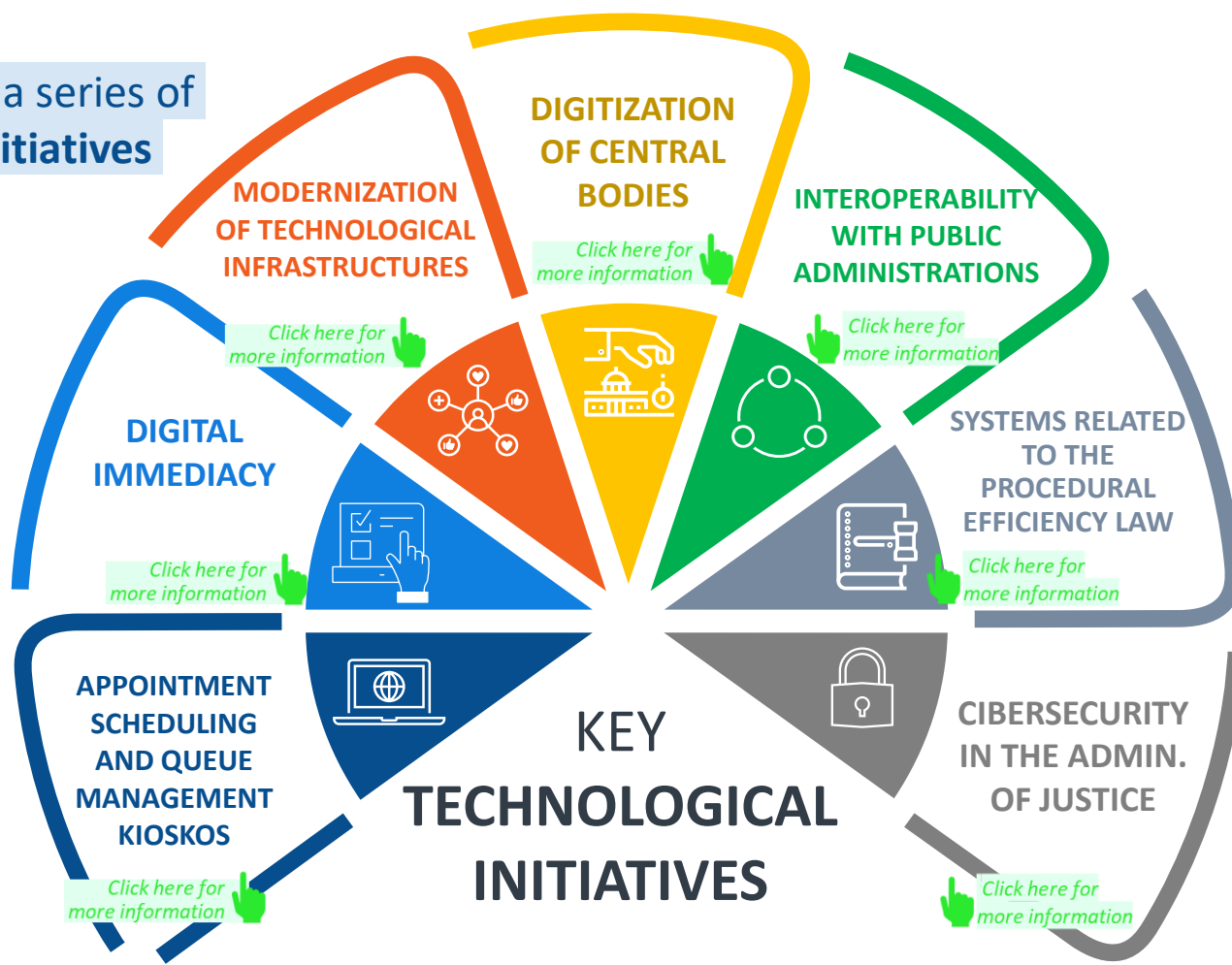
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3. DIGITAL TRANSFORMATION WITHIN THE ADMINISTRATION OF JUSTICE – TECHNOLOGICAL INITIATIVES

The pandemic has posed great challenges for professionals working with and for Justice. The speed with which services have been digitized and the quick adaptation to teleworking have been reflected in the initiatives that we have carried out which main objective is the technologically modernization of the courts and tribunals, the prosecutors' offices and the administrative registries supporting judicial activity. **This has been and is the key to achieve an effective, efficient, innovative and citizen and professional-centered administration.**

To drive this transformation, a series of technological initiatives are under way:





And we are carrying out projects that allow us to be a starting point for **Artificial Intelligence.**

One of the most important projects is the **Data Office** and the technological systems that support it.

The Data Office has two lines of action:



EVICION
PROJECT



ADVANCED STUDIES ON
GENDER VIOLENCE



Nowadays we already
have **advances in data
exploitation and
advances in the visual
reporting system.**

Data-driven management

*Promoted independently or in
collaboration with SEDIA.*



Data-driven decision making

It has four lines of action:

INFORMATION
SITE



ADVANCED
DASHBOARDS



DATA
LABORATORY

ARTIFICIAL
INTELLIGENCE
LABORATORY



DATA ORIENTATION AS A PUBLIC GOOD and
the need to preserve it, as it allows the **detection of
trends and highly reliable predictions.**

USE OF NEURAL NETWORKS

Helping to trace the trajectory of the Administration of Justice and determine its evolution, **contributing to the development of quality public policies based on data.**



The Textualization of Recordings project, a solution based on neural learning techniques, allows the faithful transcription of videos recorded during court hearings and depositions.

In addition, it automatically **generates text, taking as a source the videos recorded during hearings and depositions**, allowing the development of new services and functionalities.

A project that transforms Justice through Artificial Intelligence



Based on **MACHINE LEARNING**



Offers **INCREASED INFORMATION MANAGEMENT AGILITY**



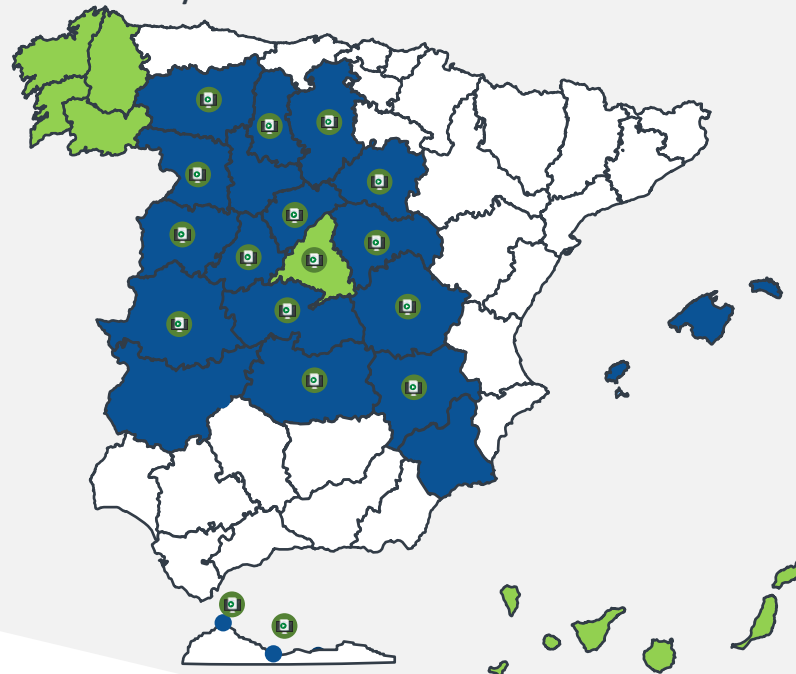
INTEGRATED WITH HORUS VIEWER
for content visualization

**More than 37,000 recordings
successfully textualized**

**Data as of April 30, 2021.*

SYSTEM IMPLEMENTATION MAP

Implemented in **18 provinces**, the system will be available throughout the ministry's territory and in **Madrid, the Canary Islands and Galicia**.



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**WE HAVE BEEN ABLE
TO ADAPT TO NEW
CIRCUMSTANCES**

THE DIGITAL TRANSFORMATION OF JUSTICE IN SPAIN IS A REALITY IN ALL JURISDICTIONS

**Data as of May 12, 2021*

-  From 2016 to date, more than **121 million** acts of **electronic communications** from the territory Ministry of Justice have been carried out through **LexNET**.
-  **Digital Justice** has been implemented in almost **100% of the national territory** and is in process in the National Court and in the contentious-administrative and military order of the Supreme Court.
-  **Digital Prosecutor's Office** has been implemented in **100%** of the territory Ministry of Justice.
-  Users at service of the Administration of Justice have the technological tools to telework.
 - ✓ More than **2.1 million** hours of teleworking.
 - ✓ More than **367,000 hours** of videoconferencing have been carried out.
-  More than **18,700 Files** in 2021:
 - ✓ More than **9,800** files for the AGE
 - ✓ More than **6,800** dossiers for the Autonomous Communities
 - ✓ More than **2,100** files for Local Entities

**BUT ALSO, AT THE
INTERNACIONAL LEVEL**

**Digital interconnection with
the European Union and
Ibero-American countries**

Creating a **new model for the relationship** between Justice and relevant stakeholders.



Strengthening of the coordinating body, the State Technical Committee for Electronic Judicial Administration (CTEAJE).



Autonomous Communities and the rest of the actors of the Administration of Justice such as the General Council of the Judiciary, the National Public Prosecutor's Office or the National Attorney's Office.



Creation of a forum between the public and private sectors.



Coordination with the professionals of the Administration of Justice.

Using **innovation** as a strategic framework for our next steps towards the **digital transformation**



DATA-DRIVEN JUSTICE

Public policies that are more effective and closer to citizens.



ARTIFICIAL INTELLIGENCE AND RPA

Conflict resolution and increased productivity and efficiency of justice.



INTEROPERABILITY

Creation of a single Administration with global reach.




DIGITAL IMMEDIACY

Agile and secure management of relations with professionals and citizens.



JUSTICE AS A TRACTOR PROJECT FOR THE COUNTRY

Projects with an impact on the national operation.

A low-angle, rear-view shot of a person's legs and feet as they run on a paved path. The person is wearing red shorts, white socks, and white sneakers with black accents. The background is a warm, golden-orange glow from a low sun, creating a soft, hazy atmosphere. The path is made of asphalt and has some square drainage covers visible.

**We will continue to evolve
to fulfill our mission of
improving justice through
technology.**

*Our philosophy is
continuous improvement*



Thank you for your attention

Aitor Cubo Contreras

General Director

Directorate General for the Digital Transformation of the Administration of Justice
Ministry of Justice