Dematerialisation and Graphometric Signature
Digitalization is a key factor to beat bureaucracy.

The benefits go beyond the corporate boundaries, they are all around.

1. **DEMATERIALISATION**
   - The continuous search for efficiency has led many companies to focus on the reduction of “documentation management” operating costs, through the:
     - transformation of paper documents in digital format
     - implementation of long-term archives
     - full access to all company documentation

2. **GRAPHOMETRIC SIGNATURE**
   - When documents become digital emerges the need to manage their signing process, if needed, through appropriate paradigms.
   
   The graphometric Signature is an advanced electronic signature, realized with a manual gesture completely analogous a handwritten signature. The signature data is obtained through a device capable of dynamically acquire the movement of the stylus and to save it as a biometric vector in the signed document.

**ECONOMICS**
- Rationalization of costs related to the reduction of paper consumption and needed physical spaces storage (Facility Management).
- Increase of litigation activities effectiveness through the probative value of the Graphometric Signature (verification of the signatory and integrity of the signed document).

**OPERATIONAL**
- Multichannel access to all documentation.
- Rationalization of operational processes, from the document generation to the storage

**BRAND IDENTITY**
- Improved Brand Identity, both in terms of user experience and environmental protection.
A safely exploitation of all digital benefits.

The transition from paper format to digital format is managed through appropriate paradigms and within the existing operational processes.

1. The first step is the computerization of the paper document, that allows to transfer all the archive “from paper to PC”.

2. The digital signature, if necessary, is realized through a device able to perfectly detect the pen movement and is saved as a biometric vector in the signed document.

3. The content of the document is converted into digital format by applying the electronic signature (depending on the type of the document itself).

4. A digital certificate is applied to the digital document in order to guarantee its integrity and to identify the issuing institution.

5. The document is stored without deterioration risks.

Digital solutions for tangible results.

Lynx is a strategic partner in the design, implementation and maintenance of platforms dedicated to the document dematerialisation and to the management of the graphometric signature.

Specific services in this area:

Integration and/or definition of new front-end procedures (user web interfaces).

SDK integration for third parties signature management.

Infrastructure back-end design for the massive digital signature.
**Intesa San Paolo - ISPAD**

The project aimed to the dematerialization of all notice of payment produced by the teller and all contracts.

**PHASE 1**
- 2011
- Notice of payment signature (all bank branches)

**PHASE 2**
- 2013
- Contract signature (only 5 pilot bank branches)

**PHASE 3**
- 2014
- Contract signature (all bank branches)

**LYNX HAS MANAGED**

- The integration of teller transactions with hardware/driver for the acquisition of the graphometric signature.
- The design and implementation of a new client application, to be used by the bank employees, which allows the acquisition of the contract graphometric signature.
- The design and implementation of the back-end architecture.

**THE PROJECT ALLOWED TO SAVE:**

120 mln (per year) of notice of payment

+ 18 mln (per year) of contracts

= 138 mln (per year)

1.600 tons (per year) of paper

+ 11.000 tons (per year) of CO2 emission

= 12.600 tons (per year)

30.000 trees

= corresponding to the reduction of CO2 produced by 2.000 cars 13.000 houses
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Technology with an attitude.