National Database of Social Information (CNIS)
Impact on Brazilian social policies
Dataprev – Profile

Dataprev
Government Owned ITC company

Main clients

- INSS
- Ministry of Social Security
- Brazilian Federal Revenue Office
- Ministry of Labor and Employment
- Ministry of Planning, Budget and Management
- Ministry of Social Development and Combat against Hunger
- and financial institutions
Dataprev – Profile

Infrastructure

• Data centers in Rio de Janeiro, São Paulo and Brasília;
• Five Units of Software Development;
• 3,800 employees.

Mission
To provide information and communication technology solutions for the execution and improvement of Brazilian social policies.

Vision
To be the leading provider of technology solutions for the management of social security, labor, social and civil records of the Brazilian population.
Brazil in numbers

Total area: 8,514,876.599 km$^2$ (3,287,597 sq mi)
Population: 195.2 million (2011)
Employers*: 3.7 million (Jan/2013)
Economically Active Population: 100.2 million or 60.2% (2011)

Social Security benefits/pop.: 30 million or 16%

*Enterprises and others legal entities.
Challenges for managing information necessary for Social Policies

- Multiple sources and registries of personal data
- Multiple sources and registries on employment contracts and wages
- Connectivity and technology gap in several regions of the country
Multiple and heterogeneous information sources were integrated to create CNIS. It allows the Government to identify and match citizens and records of labor relations as well as other information necessary to manage social policies.

*GFIP – document informing about employment contracts and revenues, sent monthly to Caixa, an official bank.

*GPS – tax paid by contributors (persons and companies).
CNIS also acts as a “clearing house”, continually improving its data quality: many methods and tools are applied including cross-reference between many different sources of data.

**Content – CNIS**

- **Citizens:** 230 million
- **Deaths:** 5.5 million
- **Legal entities:** 35 million
- **Employment relationships:** 700 million
- **Payments:** 20.2 billion
- **Individual contributions:** 2.3 billion
CNIS is managed by a consortium of public entities:

- Ministry of Social Security;
- Ministry of Labor and Employment;
- Ministry of Finance
  - Bank of Brazil;
  - Caixa Econômica Federal;
  - Brazilian Federal Revenue.

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Social Security
Automatic recognition of social rights

In 2009, data stored in CNIS was considered legally sufficient as proof of entitlement to social security benefits.

So if the beneficiary’s records are complete there is no need to present further documentation of contributions or worked periods.

• Since 2009, retirement within 30 minutes;
  ▶ 34 different types of benefits, the top five are:

<table>
<thead>
<tr>
<th>Benefit Type</th>
<th>Total of benefits paid in 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>temporary incapacity benefit</td>
<td>2,276,443</td>
</tr>
<tr>
<td>age based retirement</td>
<td>656,150</td>
</tr>
<tr>
<td>maternity benefit</td>
<td>628,409</td>
</tr>
<tr>
<td>pension payment due to death</td>
<td>442,058</td>
</tr>
<tr>
<td>contribution based retirement</td>
<td>297,593</td>
</tr>
</tbody>
</table>
Social Security
Automatic recognition of social rights

1. Attendant requests data concerning a citizen

2. The Benefits System runs queries on labor history data

3. Data extracted from CNIS

4. Labor history sent to the Social Security Office
Social Security
Automatic recognition of social rights

Pre-Retirement Letter
65 year-old male contributors and 60 year-old women contributors are entitled to age based retirement in Brazil. On the month before the insured person reaches the necessary age for retirement a letter is mailed to their home stating their right to the benefit. Based on the information provided by CNIS the letter also lists the necessary documents to require the benefit and indicates the estimated amount to be received.
The Unemployment Insurance Program provides financial assistance to unemployed workers and assists in seeking new jobs, including offers of professional qualification.

3.5 million of queries/month for Unemployment Insurance

People go to Ministry of Labour and Employment offices, where attendants browse data from CNIS, to check online if the citizen does not have another job nor receives any benefits. The Database also provides the wages of the last three months worked, basis for calculating the amount to be paid as benefit.

Benefits can last for up to 5 months. Each month an automatic check will be conducted prior to payment authorization to insure conditions for entitlement still apply.

In 2013 approximately R$ 900 million (US$ 385 million) in payments were blocked as result of cross checking
The Labor Intermediation System (IMO)

This system announces job offerings in companies and forwards them to registered workers. To do this it automatically collects data from CNIS on the skills and experience of job applicants.

- **4.4 million** of queries/month for IMO.
- There are from over **33 million** records of workers in the system.
- About **1 million** companies were offering jobs in January 2014.
The Single Register for Social Programs (CadÚnico), maintained by MDS, is the basis for Brazilian social welfare programs aimed at families that are in a situation of poverty or extreme poverty*. Periodically, this register is cross checked with CNIS in order to insure the reach and veracity of the information. For instance, to make sure that the beneficiary doesn't receive any other benefit, as stated by the legal rules.

* These are families with incomes of up to half the minimum wage p/person or total income of up to three minimum wages.

** LOAS - Organic Law for Social Assistance. Regulates assistance benefits paid to persons over 65 or disabled, whose income does not exceed one quarter of the minimum wage.
Civil Registry Information System, under implementation will gather records of birth, marriage, divorce and death, collected from 8,000 notaries nationwide. This will greatly enhance the identification aspects of CNIS.
Perspectives – eSocial

This is a project involving many federal agencies, which will unify the transmission of information concerning labor relations by employers or by individual contributors.

Before

Employer

GFIP
RAIS
CAGED
FGTS

After

Employer

eSocial
CAGED
FGTS
CNIS