

# **Novas perspectivas para o SIG de São Paulo**



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# Principais características de um SIG corporativo



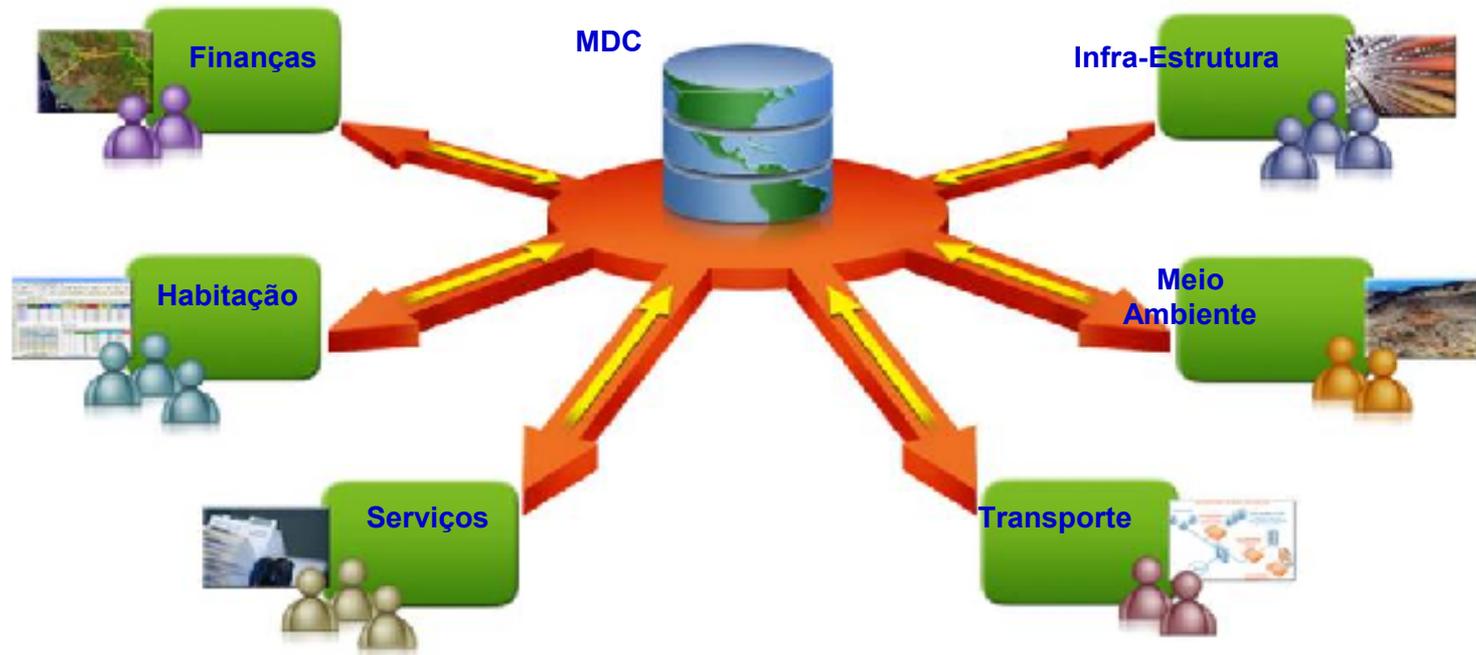
- Banco de dados corporativo;
- Segurança (distribuição dos dados para diferentes níveis de usuários);
- Flexibilidade (implementação de ferramentas para o atendimento de diversas demandas e diferentes estilos de trabalho dos usuários);
- Agilidade;
- Impede a divergência de informações;
- Economia de recursos;
- **Regras e processos claros e bem definidos** (normatização, metadados, IDE/INDE);
- Integração com outros sistemas.

## Geotendências

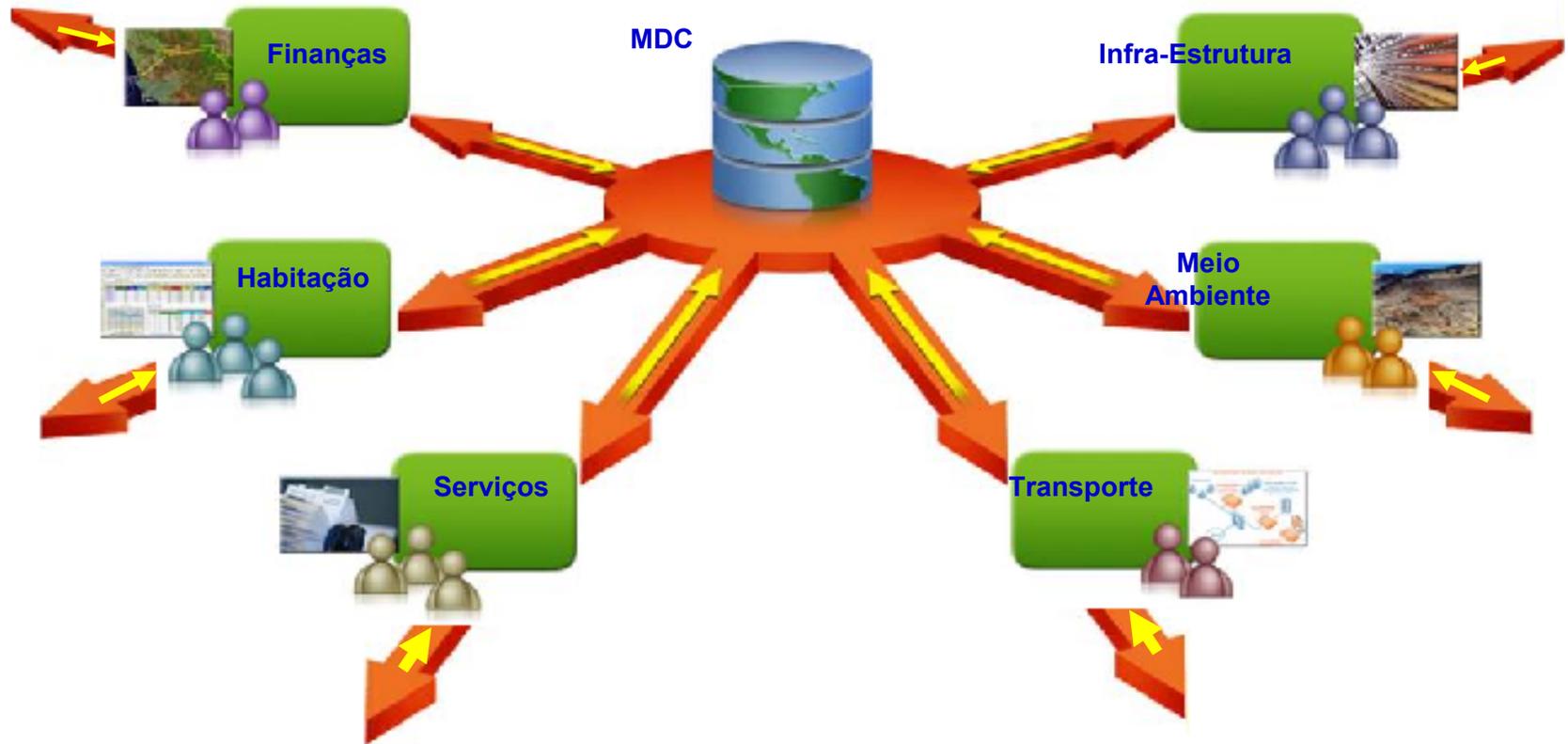
- Aplicações Web 
- Aplicações Desktop
- Administração centralizada 
- Geoserviços
- Colaboração 
- Liberdade 
- Sustentabilidade 



# Solução Corporativa



# Solução Corporativa





# GeoPortal

- Ambiente colaborativo;
- Facilita a implementação de uma IDE;
- Distribuição dos dados:
  - Acesso ao banco corporativo (publico interno)
  - Geoserviços: WMS, WFS (publico interno e externo)
  - Downloads; SHP, KML, DXF, etc...
- Distribuição de ferramentas
  - Web (roteirização, geocode, batch geocode, etc...)
  - Desktop (scripts, plugins, módulos, etc...)
- Comunicação  
Ex: Blog; Fórum de Discussão; Sistema de Ajuda em formato Wiki, possibilitando a participação dos usuários.

## Geoservices

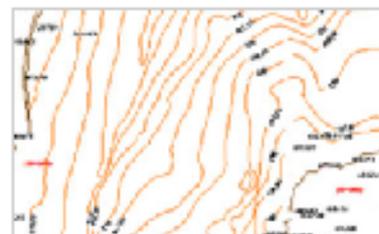
### Map services as per WMS 1.3.0 specification

#### Altimetry base map (Topography 1:500)

Service URL:

<http://w24.bcn.cat/WMSAltimetria/request.aspx>

[GetCapabilities](#)

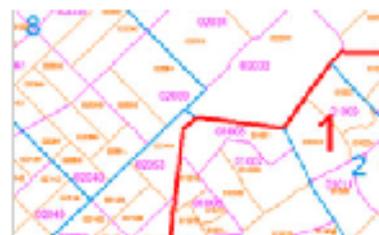


#### Thematic map of administrative divisions (new divisions)

Service URL:

<http://w24.bcn.cat/WMSDwAdmin/requesL.aspx>

[GetCapabilities](#)



#### Highway administration map

Service URL:

<http://w24.bcn.cat/WMSVialitat/request.aspx>

[GetCapabilities](#)



#### Land plot map

Service URL:

<http://w24.bcn.cat/WMSParcelario/request.aspx>

[GetCapabilities](#)



Filter data by Title

Filter data by when updated

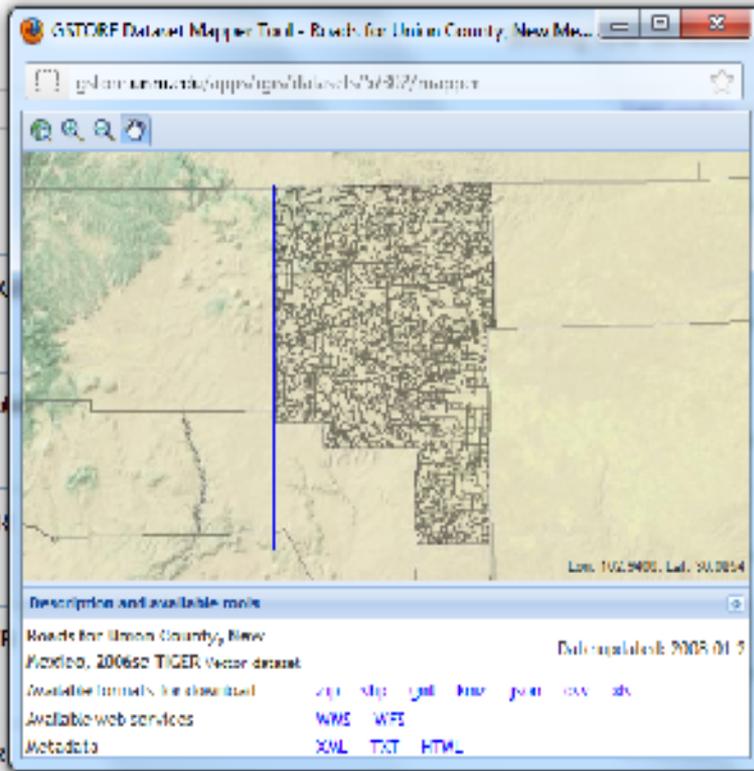
Filter data by Theme

- RGIS
  - Area Code Change - New Mexico
  - Boundaries
  - Cultural
  - Census Data
    - Climate and Insects
    - Climate
    - County/County Lines
    - Digital Orthophotography
    - Health
    - Emergency Management
    - Environmental Data
    - Geographic Place and Feature Names
    - Geology
    - Historic Aerial Photography
    - Land Ownership
    - Land Use and Cover
    - PLSS (Township, Range, Section)
    - Real Estate and Geographic Context
    - Satellite Imagery
    - Statistical Data
    - Socioeconomic Data
    - State
    - State Forestry
    - Topographic Maps
    - Transportation
      - 2006se TIGER
        - General
        - Railroads
        - Roads
        - Transportation Analysis Zones
    - URCR Downloadable by County
    - Vegetation
    - Water Resources

Define Area of Interest by Parameters or Coordinates Advanced Search

Current theme: Transportation - 2006se TIGER  
 Prev 1 2 3 4 5 6 7 8 9 Next

Dataset title/description	Download	Theme	Description and available links	Date updated
Roads for Union County, New Mexico, 2006se TIGER	Download: zip shp gml kml json csv xls	Transportation - 2006se TIGER - Union County	Roads for Union County, New Mexico, 2006se TIGER (vector dataset) Available formats for download: zip shp gml kml json csv xls Available web services: WMS WFS Metadata: XML TXT HTML	01/25/08
Roads for Valencia County, New Mexico, 2006se TIGER	Download: zip shp gml kml json csv xls	Transportation - 2006se TIGER - Valencia County	Roads for Valencia County, New Mexico, 2006se TIGER (vector dataset) Available formats for download: zip shp gml kml json csv xls Available web services: WMS WFS Metadata: XML TXT HTML	01/25/08
Miscellaneous Ground Transportation (Utilities) for Valencia County, New Mexico, 2006se TIGER	Download: zip shp gml kml json csv xls	Transportation - 2006se TIGER - Valencia County	Miscellaneous Ground Transportation (Utilities) for Valencia County, New Mexico, 2006se TIGER (vector dataset) Available formats for download: zip shp gml kml json csv xls Available web services: WMS WFS Metadata: XML TXT HTML	01/24/08
Roads for Union County, New Mexico, 2006se TIGER	Download: zip shp gml kml json csv xls	Transportation - 2006se TIGER - Union County	Roads for Union County, New Mexico, 2006se TIGER (vector dataset) Available formats for download: zip shp gml kml json csv xls Available web services: WMS WFS Metadata: XML TXT HTML	01/25/08
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Miscellaneous Ground Transportation (Utilities) for Taos County, New Mexico, 2006se TIGER	Download: zip shp gml kml json csv xls	Transportation - 2006se TIGER - Taos County	Miscellaneous Ground Transportation (Utilities) for Taos County, New Mexico, 2006se TIGER (vector dataset) Available formats for download: zip shp gml kml json csv xls Available web services: WMS WFS Metadata: XML TXT HTML	01/24/08







## Desafios

- Buscar o que existe de melhor;
- Aplicar a realidade da Cidade de São Paulo.



**Obrigado!**

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