

# Cadastral Evolution in British Columbia

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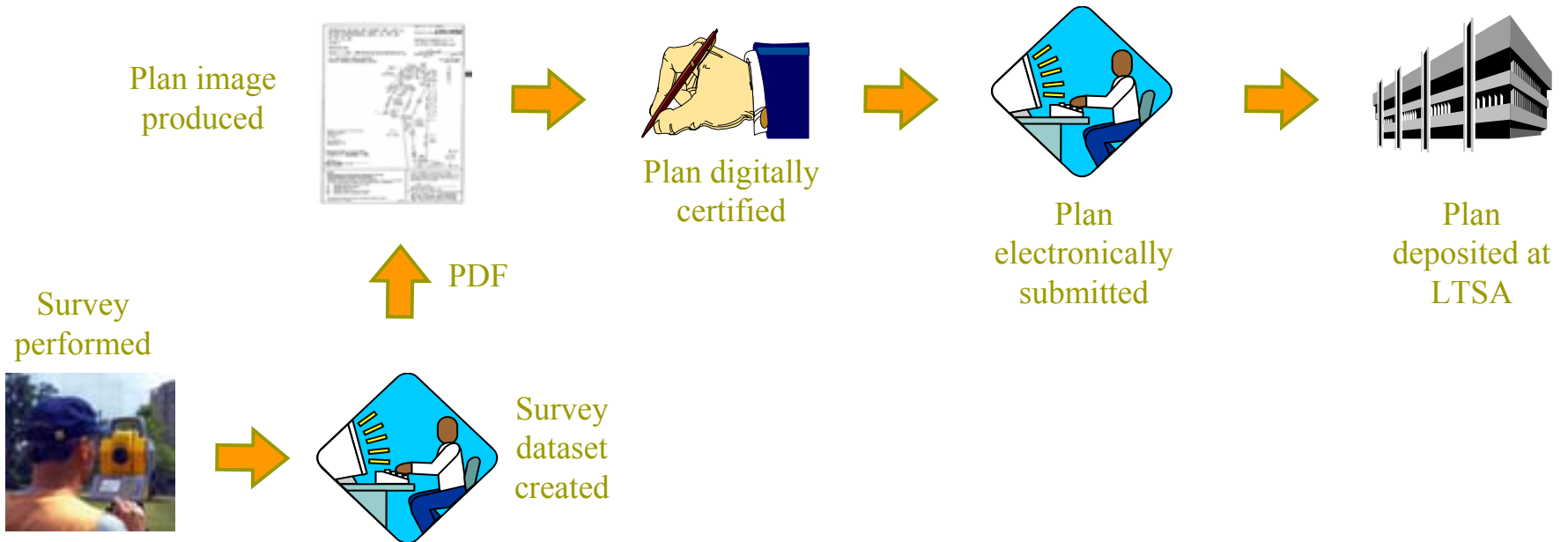
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# The Electronic Survey Plan Project

- A project to enable...
  - Electronic submission of legal survey plans over the web by land surveyors – *'Field to Filing'*
  - Automated updating and improving of cadastral base mapping – *'Field to Fabric'*

# Electronic Submission Process

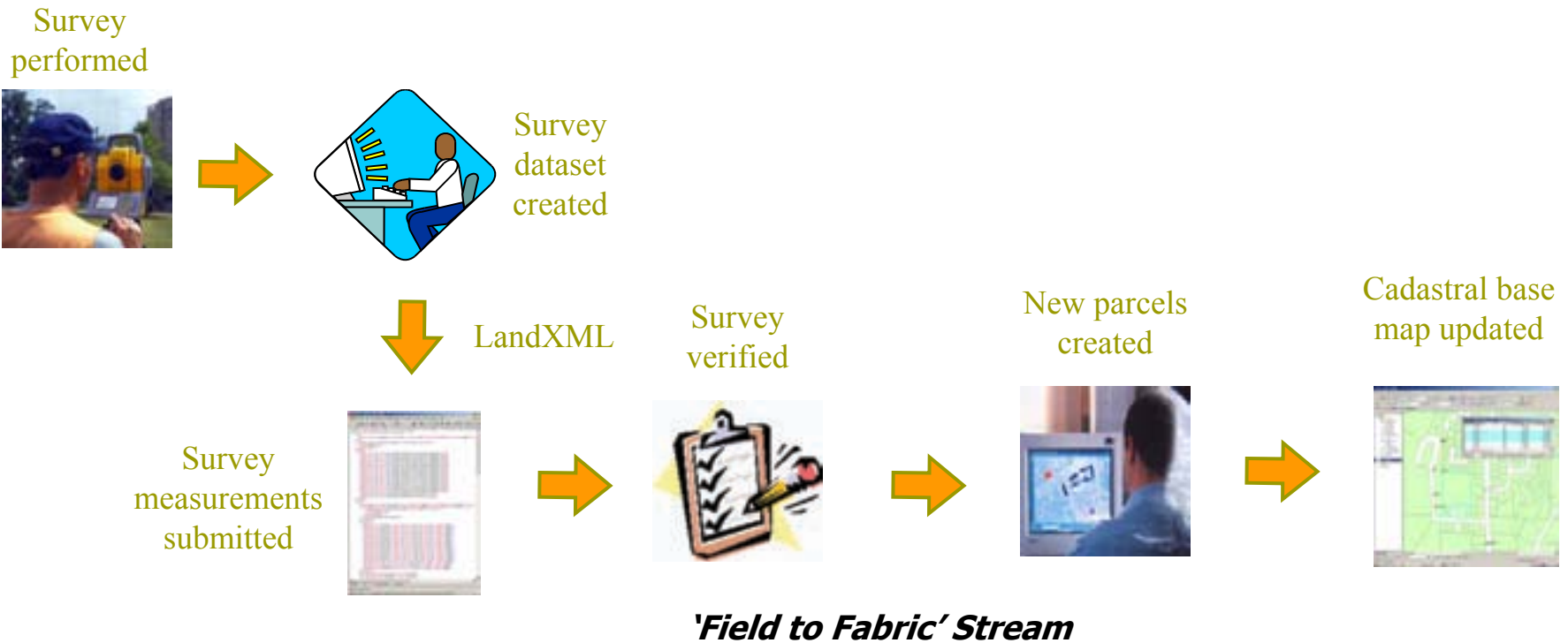
## *'Field to Filing' Stream*



## Benefits

- Pre-assigned plan numbers
- Ability to obtain concurrent consents
- Instant delivery of digital plan to owners, consenters, approving authorities and registries
- Reduction of physical storage space in registries
- High quality images available on-line

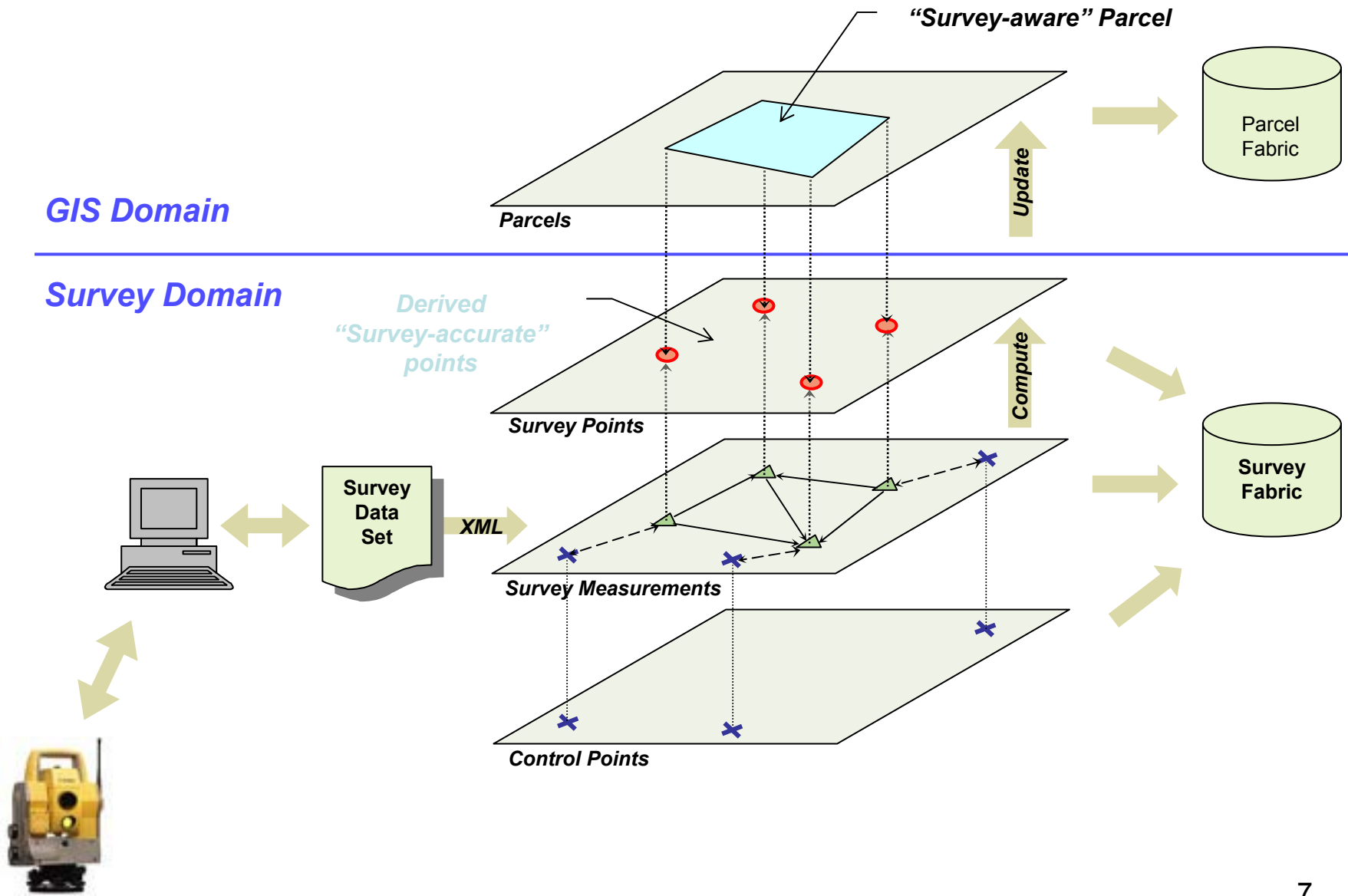
# Data Submission Process

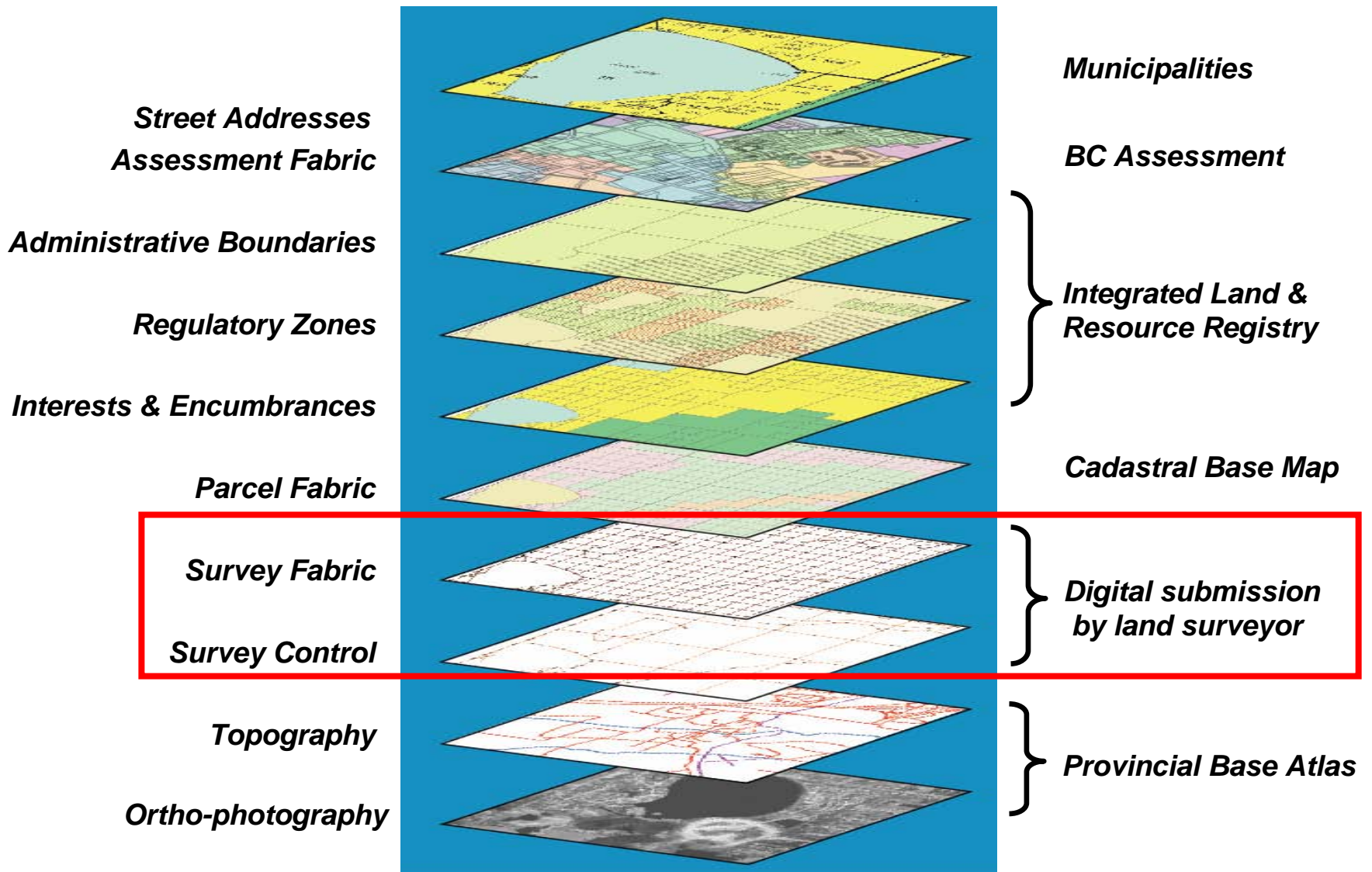


- Land surveyors would submit digital data for all legal surveys which includes:
  - Parcel boundary distances
  - Parcel boundary directions
  - Ties to control (geo-referencing)
  - Positional quality
  - Meta data

**GIS Domain**

**Survey Domain**







## Benefits

- Update of a provincial cadastral base map as close to source as possible
  - A survey aware cadastral fabric
  - A survey accurate cadastral fabric
- Quality of data improves over time
- Provides a maintenance strategy for the cadastral fabric

**Thank you**