



Collaboration, Innovation and Resilience: Championing a Digital Generation

Brisbane, Australia 6-10 April

# Software as a Service and Web Editing for Fit-For-Purpose Land Administration

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## What is Software as a Service (SaaS)?

Cloud computing service model where the provider offers use of application software to a client and manages all needed physical and software resources



## Why SaaS?

- **Accessibility:** Ability to run via an internet browser 24/7 from any device
- **Operational Management:** No installation, equipment updates or traditional licensing management
- **Cost Effective:** No upfront hardware costs and flexible payment methods such as pay-as-you-go models
- **Scalability:** Easily scale a solution to accommodate changing needs
- **Data Storage:** Data is routinely saved in the cloud
- **Analytics:** Access to data reporting and intelligence tools
- **Increase Security:** SaaS providers invest heavily in security technology and expertise



## What are your challenges?

Custom System

Lack of technical resources

Small operational budget

Poor security

Lack of transparency

Poor performance

Accessibility

Training

## SaaS Web Editing for Parcels

A **LITE deployment** for users who want to edit parcels in the web but do not need the full set of enterprise geodatabase capabilities such as:

- **No** branch versioning
- **No** REST API
- **No** centralized topology management
- **No** 3D Cadastre capabilities (future)
- **Not** on Premise

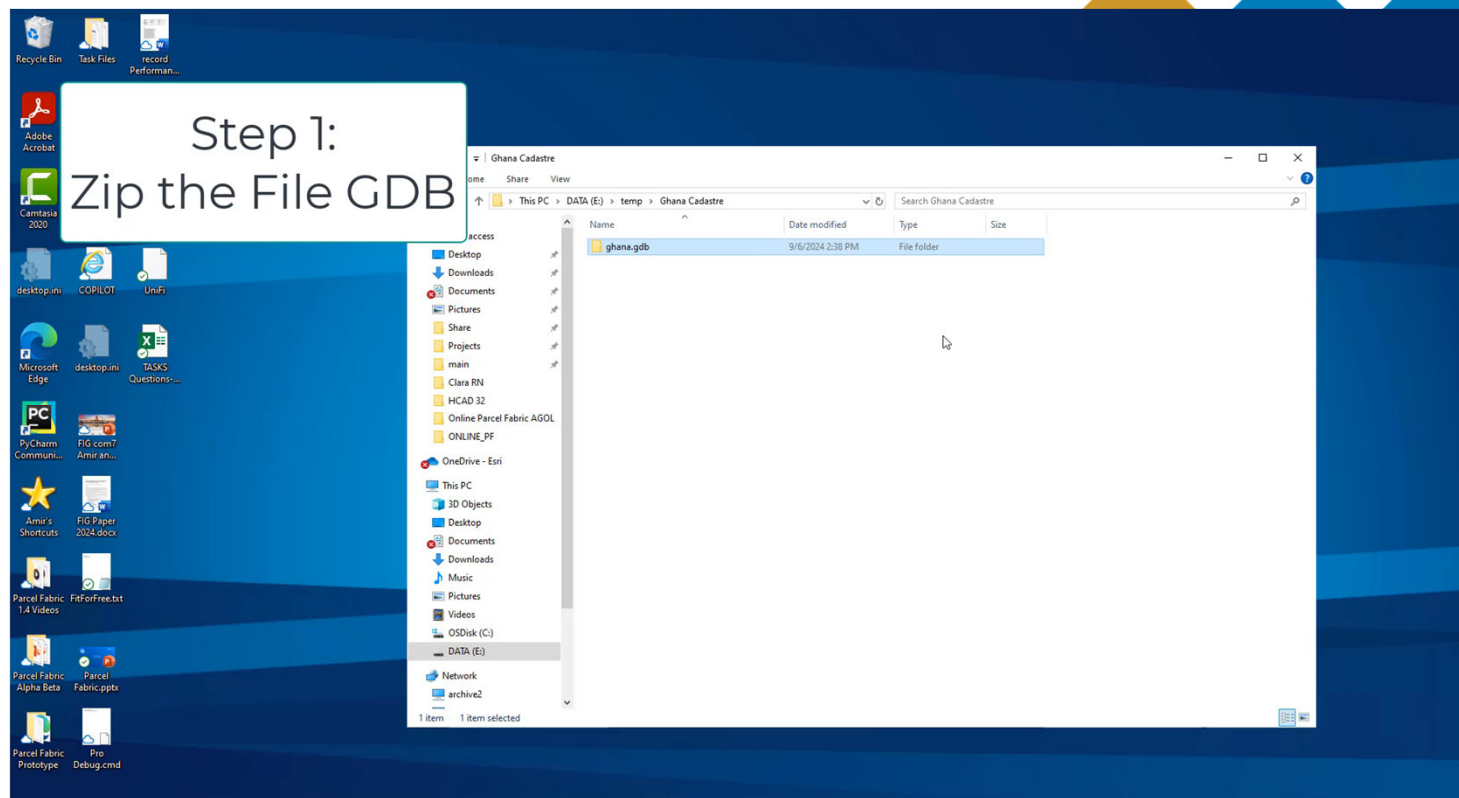


## SaaS Web Editing for Parcels

- SaaS
- Easy to deploy
- Uses smart clients to maintain topological integrity

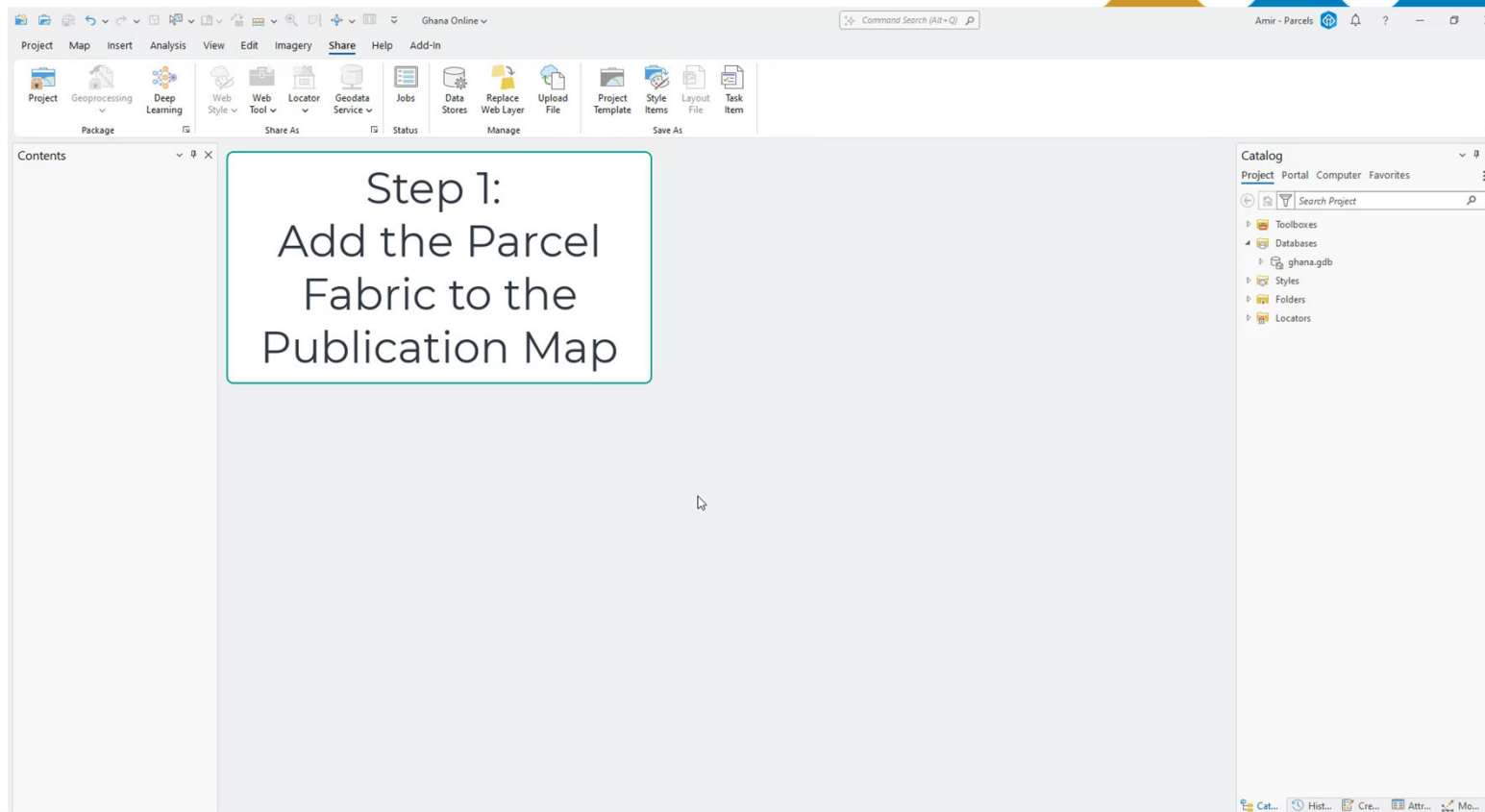


## SaaS Web Editing for Parcels



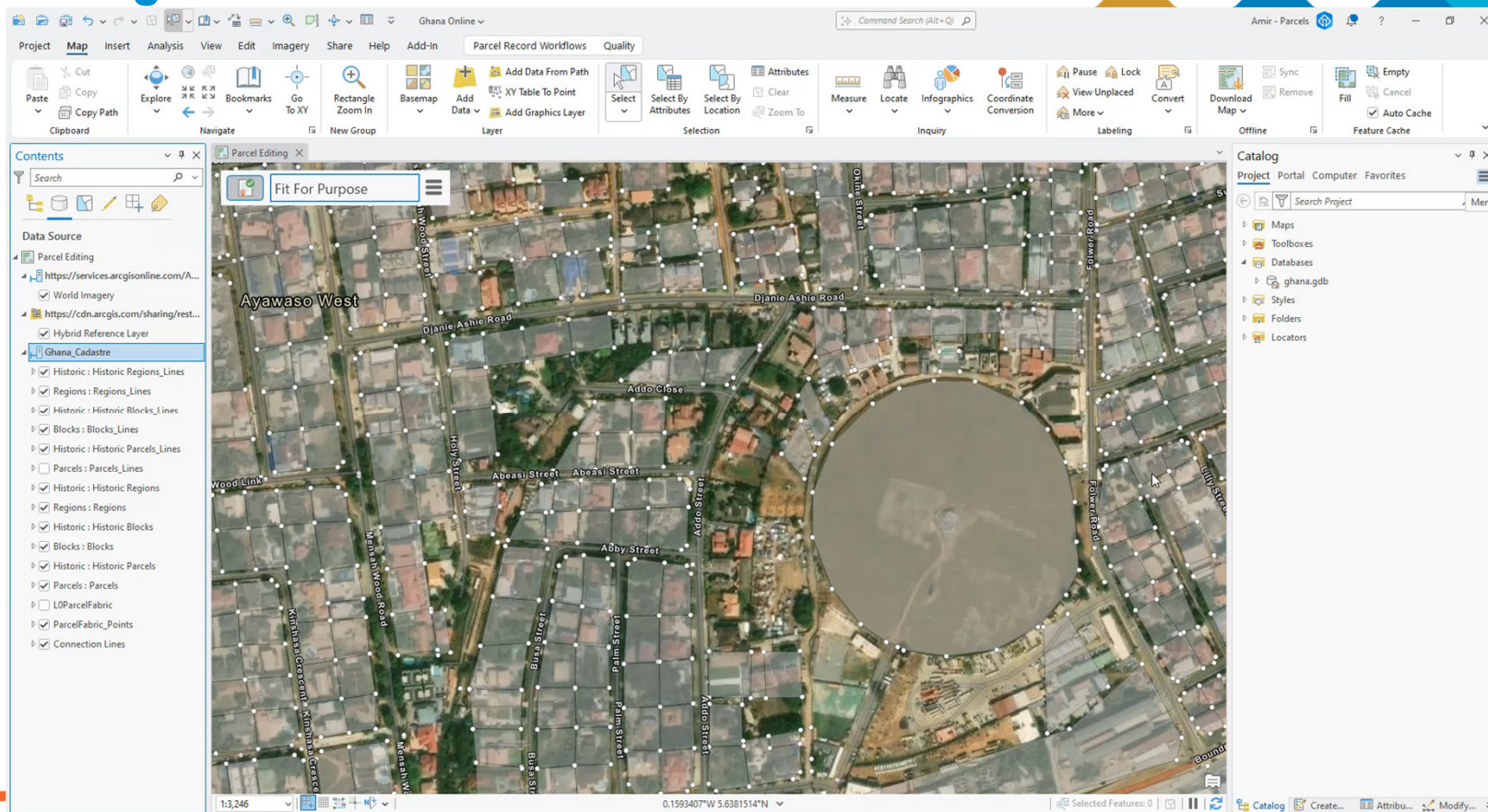


## SaaS Web Editing for Parcels





# SaaS Web Editing for Parcels



## Who will not use this deployment?

- Need the full set of capabilities:
  - Branch versioning
  - Geodatabase topology
  - Attribute Rules
  - ...
- Require the cadastral data to be 'within' the country borders or 'on premise'
- Already have Enterprise GIS







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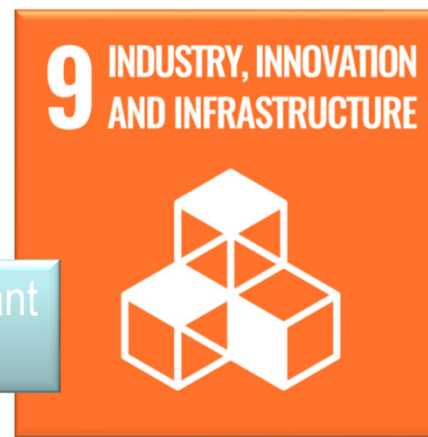
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## The most relevant SDGs related to the presentation and theme of this session

1st relevant  
SDG



2nd relevant  
SDG



3rd relevant  
SDG



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