ARCADIS | IBI GROUP

DT4A WEBINAR PRESENTATION

PRESENTED BY ARCADIS IBI GROUP

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Team Overview

Ritesh Warade

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Transit Data Analyst

Company Overview

Arcadis
IBI Group

Design and Technology firm

36,000+ staff worldwide

Expertise and Experience in Transit
Planning, Technology, and Data

Company Overview – Transit Data Practice

Transit Data

IBI's Transit Data practice helps agencies:

Develop their data strategy

Improve their systems and data

Provide high-quality information to passengers

Analyze service and measure performance

Company Overview – Transit Data Practice

Transit Data

Focus on:

Open Data

Open Source

Open Architecture

Company Overview – Transit Data Practice

IBI's Transit Data practice also builds and maintains software products for our clients:

Transit Data

TRANSIT-data-tools
Create, Edit, Validate, Manage, and Deploy GTFS data

TRANSIT-alerts
Enter, manage, and disseminate service alerts

TRANSIT-realtime
Aggregate, manage and disseminate real-time locations and predictions

TRANSIT-performance
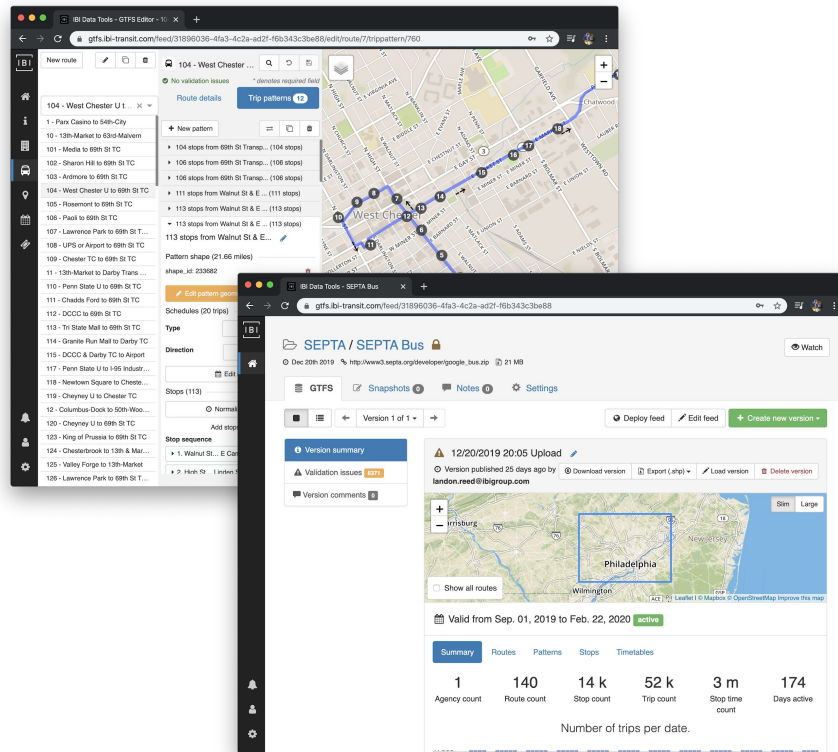Analyze service and measure performance in real-time

TRANSIT-dashboards
Visualize transit service statistics and metrics

OpenTripPlanner (TRANSIT-routing)
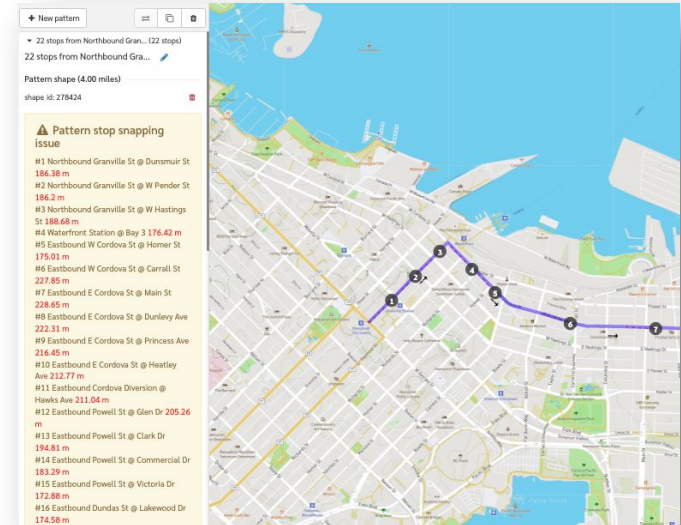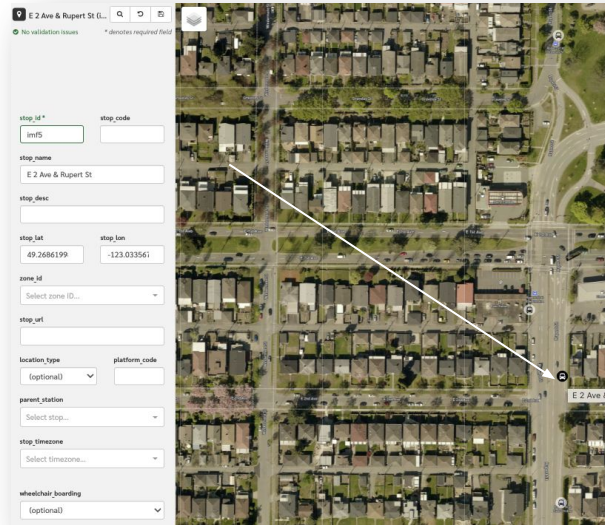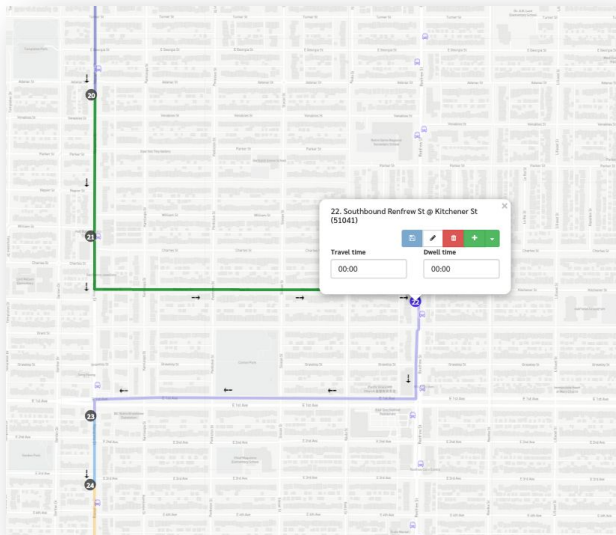Plan multi-modal trips

Introduction to TRANSIT-Data-Tools

TRANSIT-data-tools is a Swiss army knife for GTFS: to create, edit, validate, manage, and deploy GTFS feeds.

Open-source project started as a World Bank funded effort to develop a web-based map-based intuitive tool for GTFS.
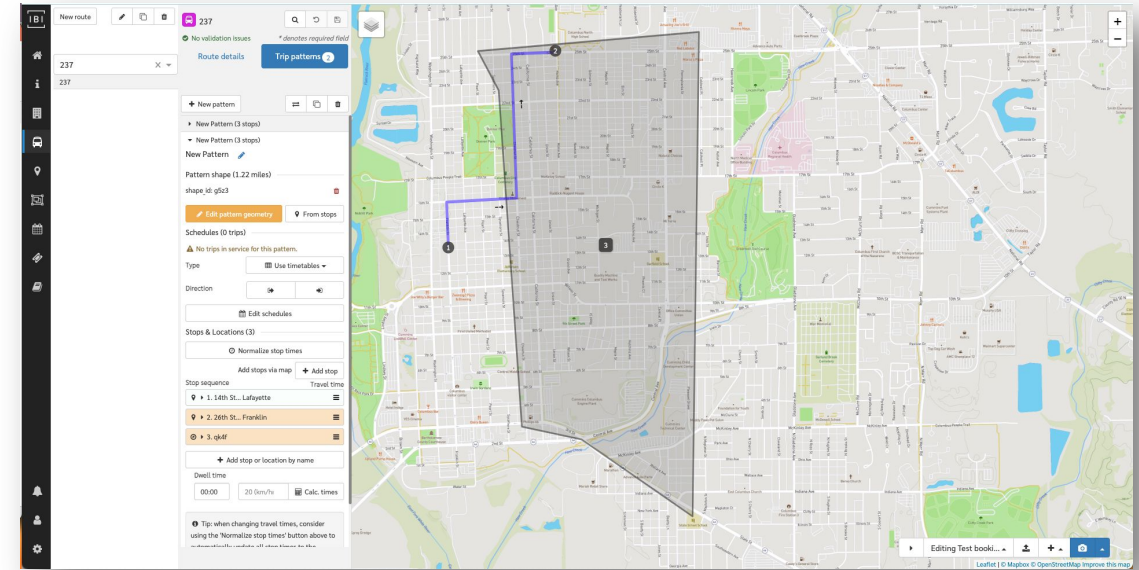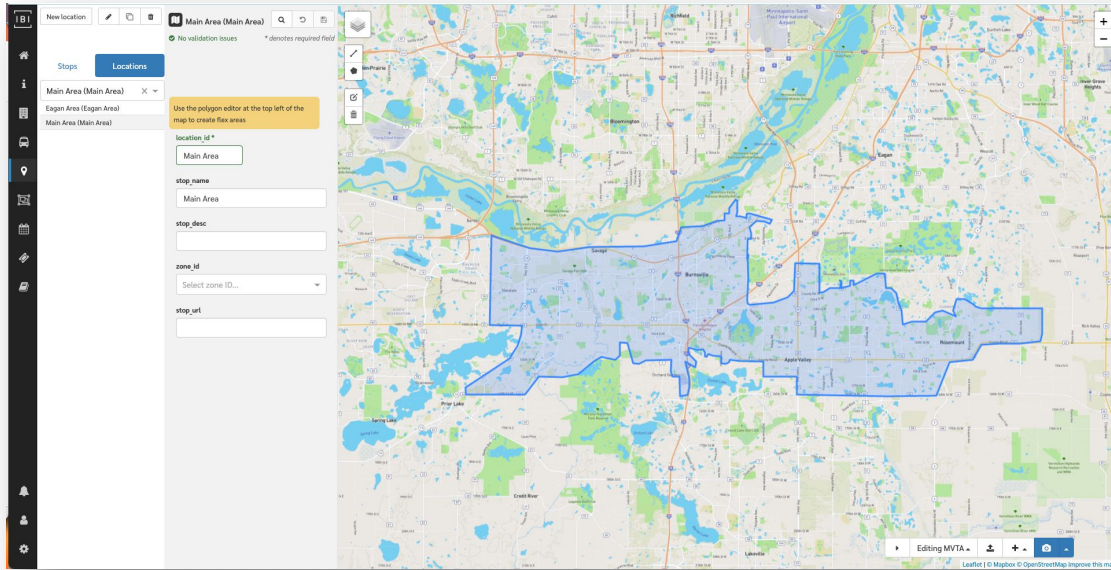
Open-source code base available on GitHub.

We maintain and support a hosted multi-tenant system.
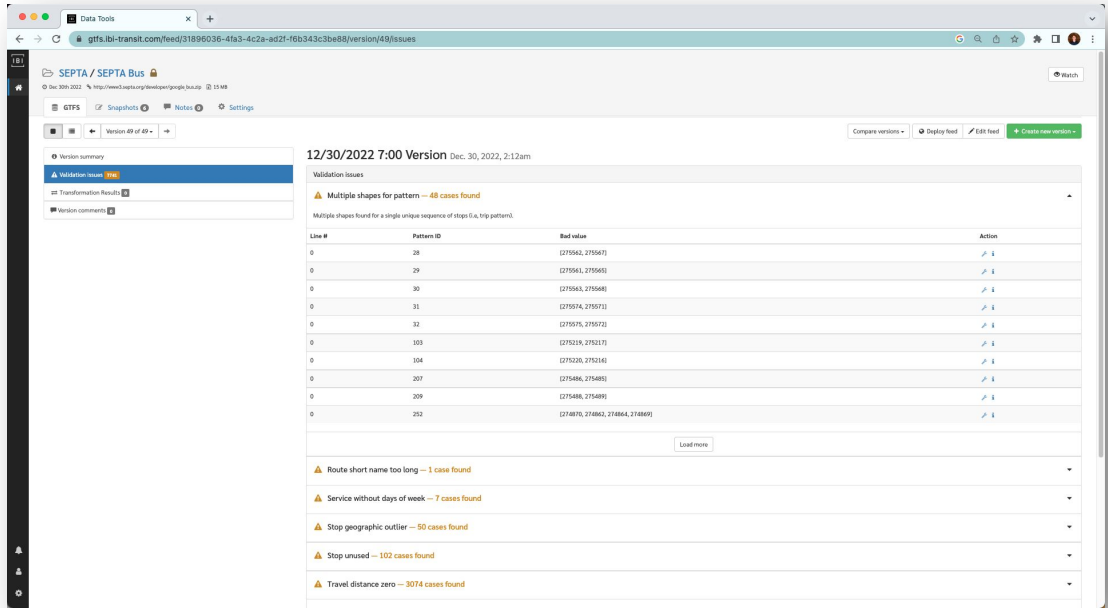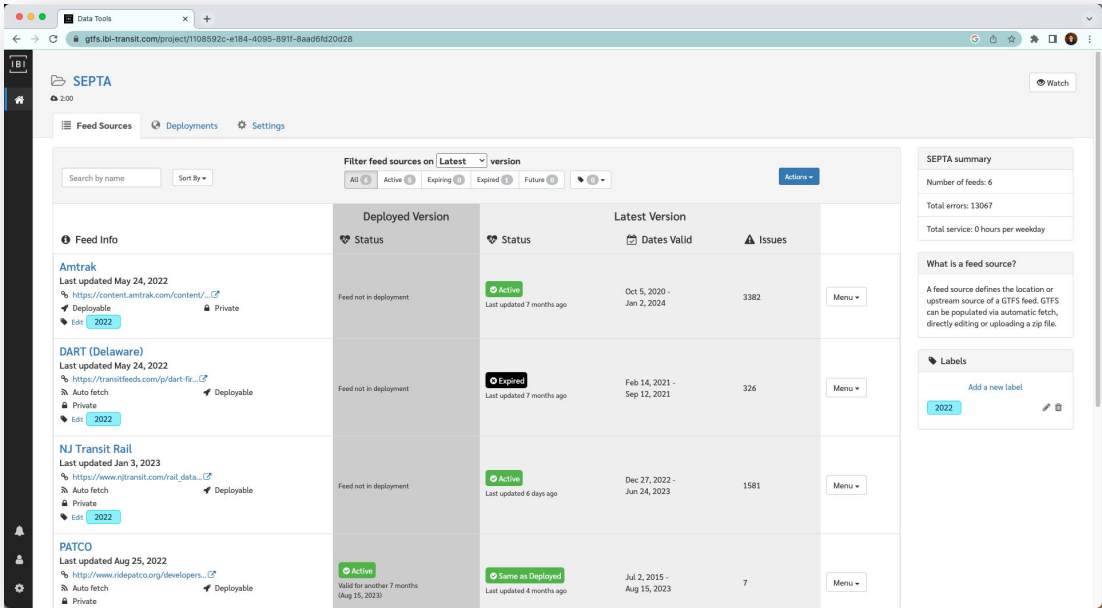
TRANSIT-data-tools Features

Create and Edit GTFS: Create routes, adapt to changes in service, troubleshoot existing issues.

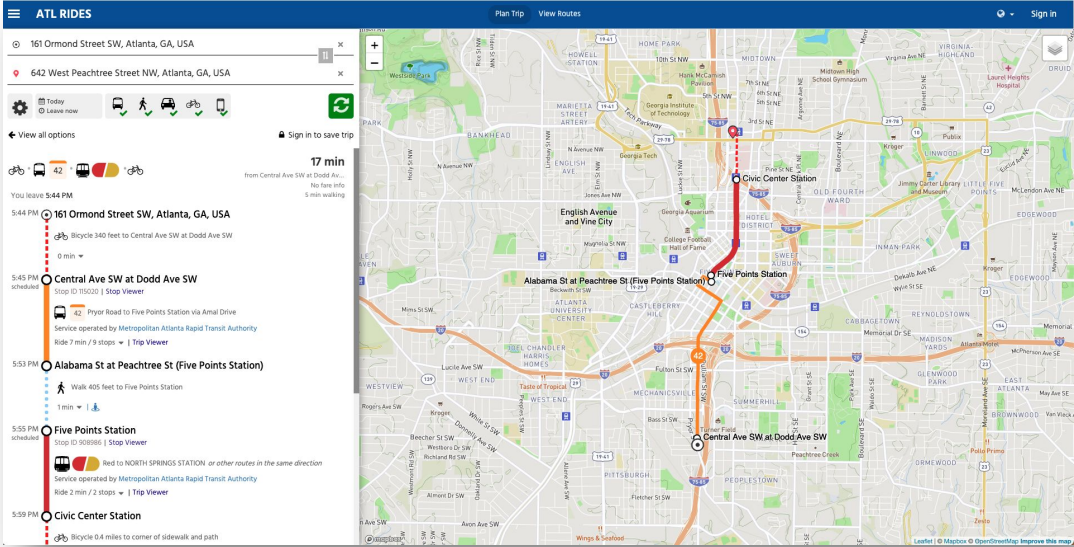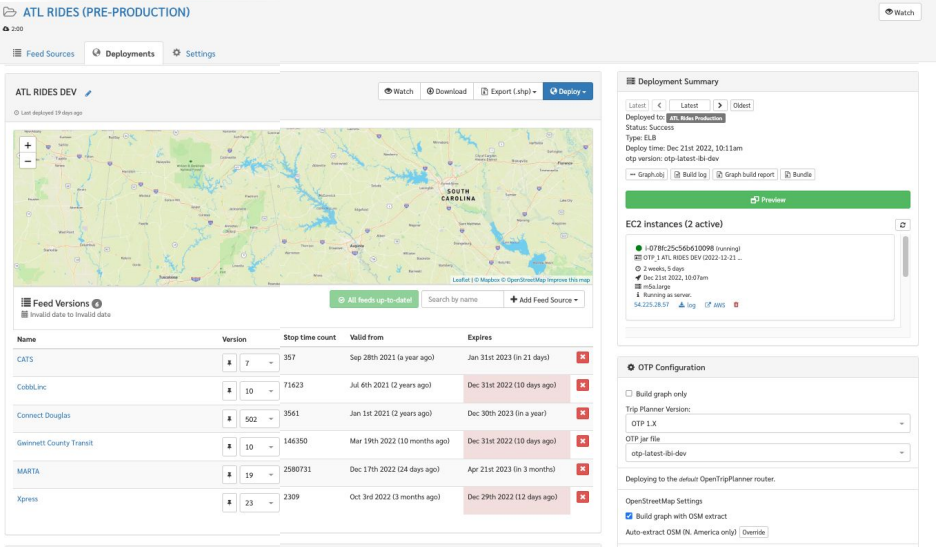# TRANSIT-data-tools Features

Create Flex Data: TRANSIT-Data-Tools supports the GTFS Flex v2 specification for dial-a-ride and other flexible service.

TRANSIT-data-tools Features

Manage and Validate GTFS: Manage many feed sources within a project. View and fix validation issues within the feed manager.

TRANSIT-data-tools Features

Deploy GTFS: Group feeds and feed versions before deploying to OpenTripPlanner (OTP).

Access to TRANSIT-Data-Tools

Free access to our multi tenant system for small agencies or agencies in the Global South

Deploy from open-source codebase. Project is available on GitHub here and here.
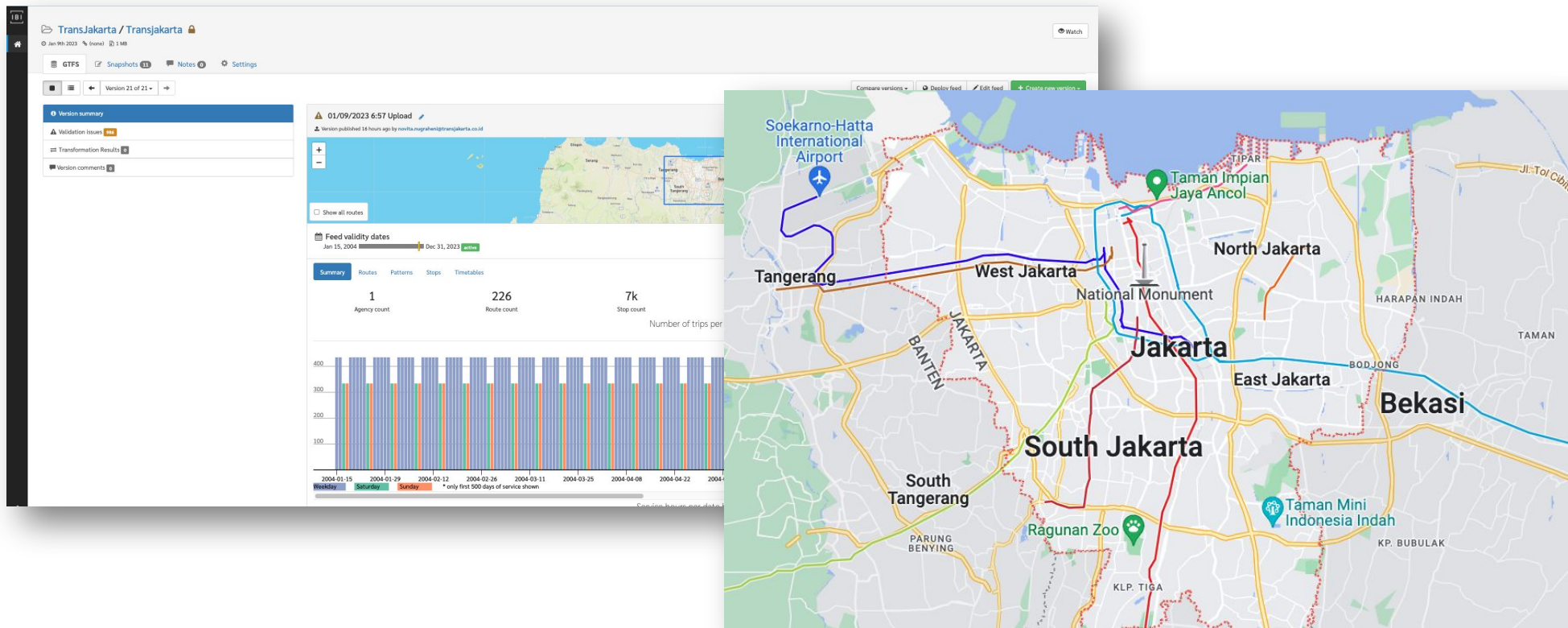
Paid access to our multi tenant system for other agencies

Success Stories

TransJakarta has used free access to TRANSIT-Data-Tools to produce a GTFS for their system. Produced first version for submission to Google in several weeks.

GTFS is <u>available</u> publicly and is in final stages of Google acceptance.

Conditions for Free Access

We have some conditions for free access to the system:

1. Any GTFS feed created or maintained using the free version of the TRANSIT-data-tools system **needs to be free and available** to download from your website.

2. You **acknowledge use of the tool** on your website or wherever the feed is made public and available.

3. We provide documentation and a training session at no cost, but we **can only provide basic support** after that.

4. We **do not guarantee a service level** including issue response and resolution times.

5. We **do not accept any liability** for your use of the system or the resultant data.

Thank You!

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