



Open
Geospatial
Consortium

Vector Data Code Sprint

Pre-event webinar

12-14th July, 2022

Agenda

- Welcome Remarks
- Overview of OGC API - Features
- Overview of OGC API - Moving Features
- Overview of OGC API - Routes
- Overview of OGC API - GeoVolumes
- Q & A





What is OGC?

A hub for thought leadership, innovation, and standards for all things related to location

Our Vision

Building the future of location with community
and technology for the good of society

Our Mission

Make location information Findable, Accessible,
Interoperable, and Reusable (FAIR)

Our Approach

A proven collaborative and agile process combining consensus-based
standards, innovation project, and partnership building



Who Are Our Members?

Commercial

Business Development

Global: Brand Exposure

Competitive Technical Advantage

Funding for Innovation

Government

Innovation & Market Support

International Partnerships

Trusted Advice

Operational Policy

Support & Certification

Research & Academia

Applied Research Partners

International Collaboration

Funding for Innovation

Citations

Welcome



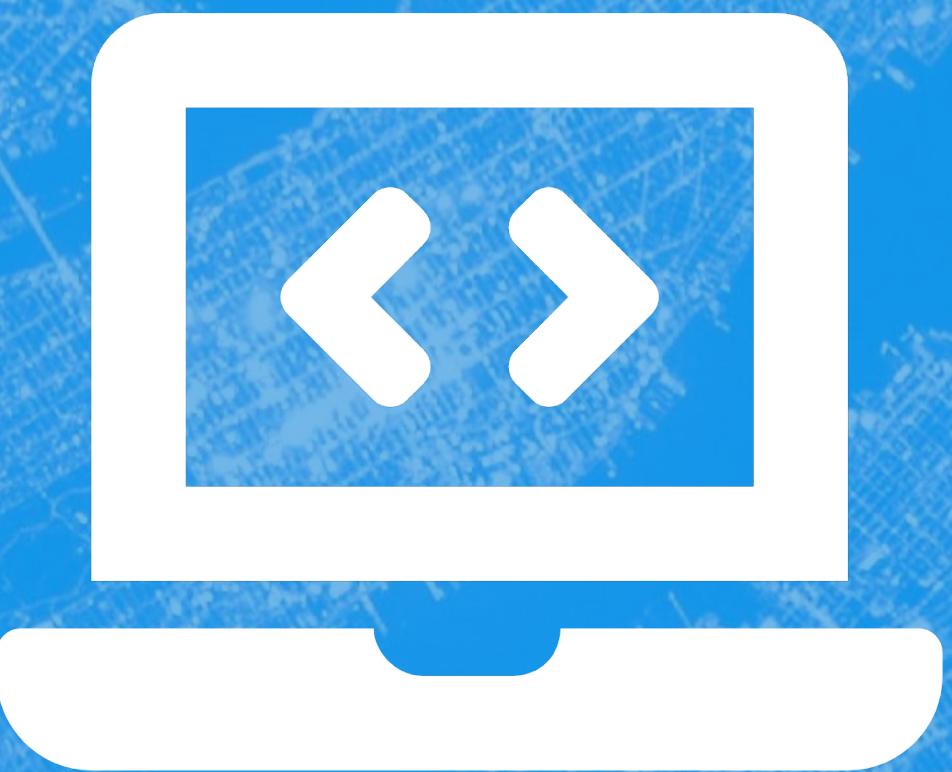
Vector Data Code Sprint (12th-14th July)

A **Code Sprint** is a collaborative and inclusive event to support the development of new applications and open standards, as well as creating awareness about the standards.

What happens during the code sprint?



Discussions



Independent Work



Mentor Stream

Tutorials



- Testing implementations of OGC API - Features for Compliance to the Standard
- More to be added soon!

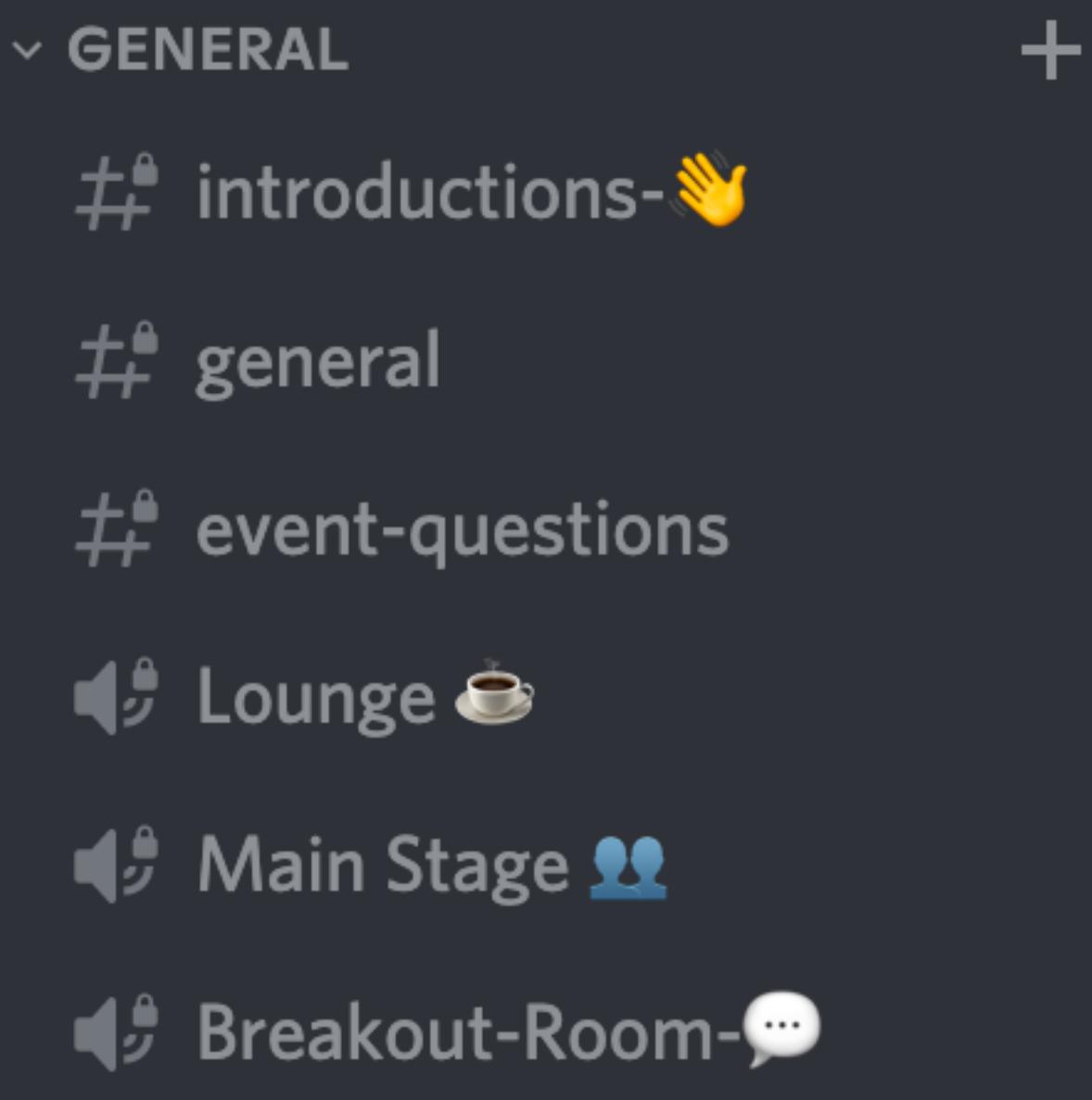
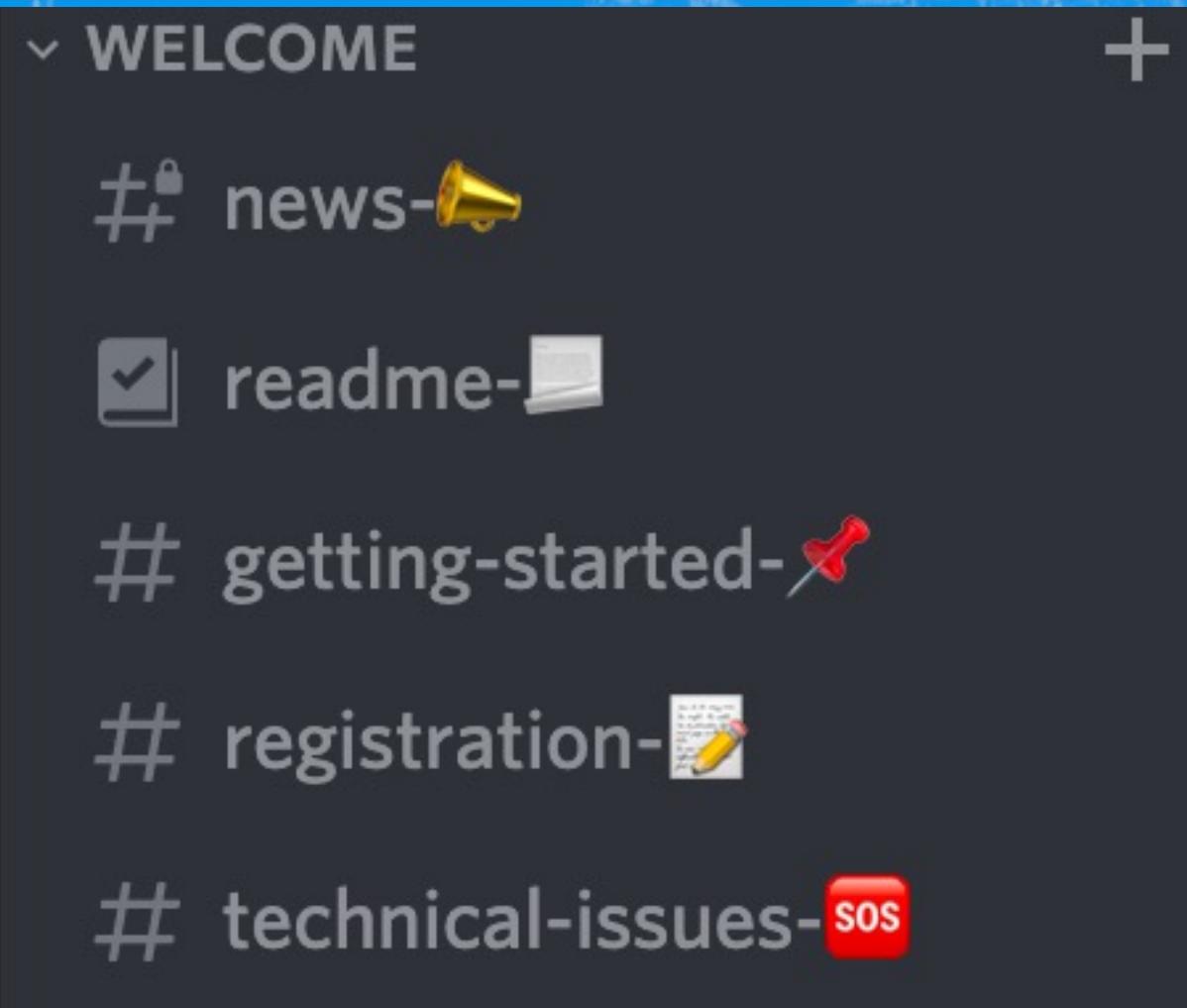
Add more here ➡

<https://github.com/opengeospatial/developer-events/wiki/Vector-Data-Code-Sprint#mentor-streams>

OGC Events Discord Server



Meta channels:
check-in and
general info



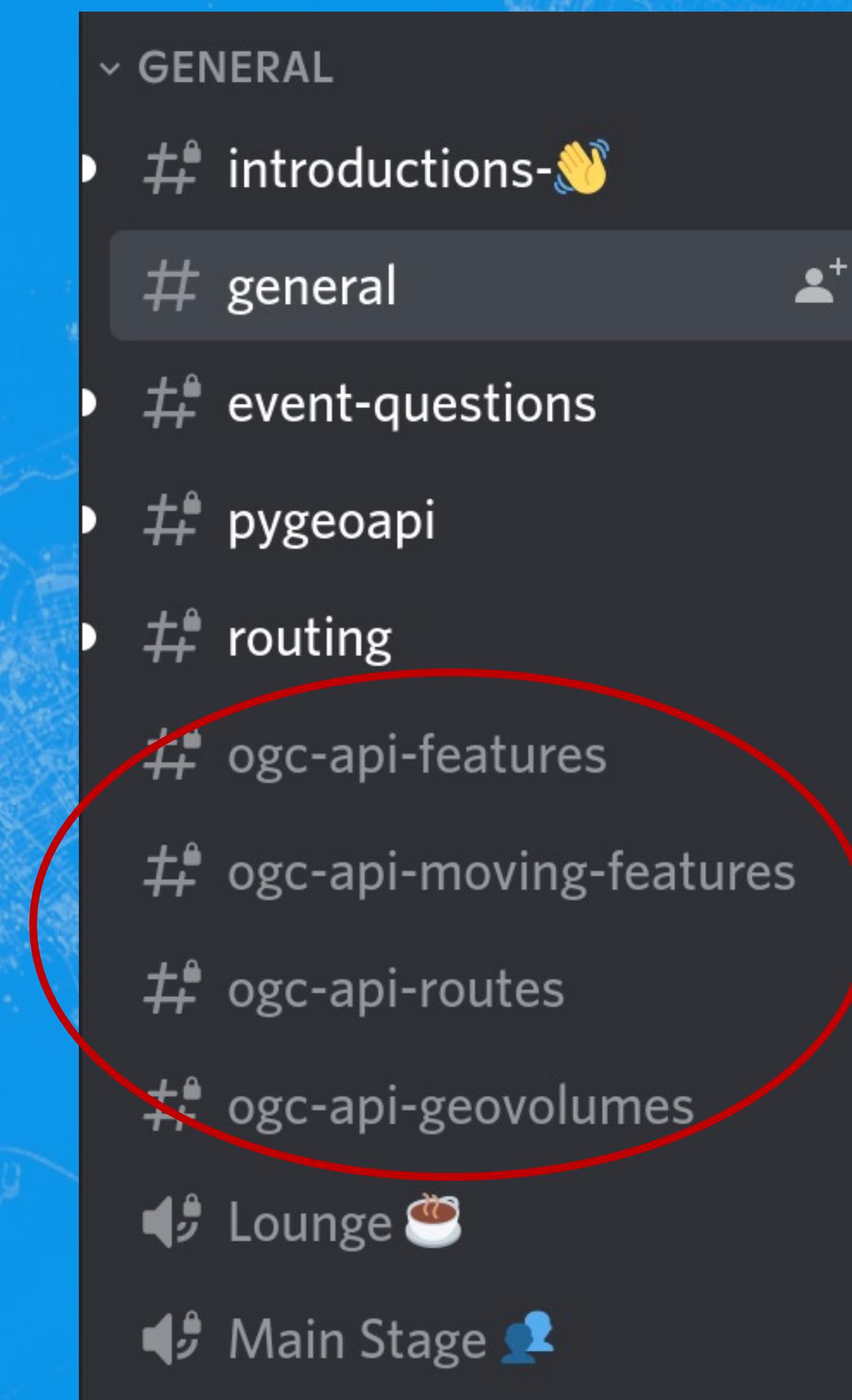
Main track:
Kick-off,
standups and
demos



Mentor stream:
tutorials, 1:1
mentoring

Matrix bridge: <https://matrix.to/#/%23ogc:matrix.org>

Added channels



Day #1 - Tuesday, the 12th of July, 2022

2022-07-12		Day #1: Kick-Off	
	05:00 - 05:10 EDT/ 11:00 - 11:10 CEST	Welcome Remarks - Joana Simoes	V:  #Main Stage
	05:10 - 05:35 EDT/ 11:10 - 11:35 CEST	Sprint Goals for OGC API - Features, Moving Features, Routes and GeoVolumes	V:  #Main Stage
	05:35 - 05:45 EDT/ 11:35 - 11:45 CEST	Q&A	V:  #Main Stage
	05:45 - 14:30 EDT/ 11:45 - 20:30 CEST	Practical work	V:  #Breakout Room
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Daily Brief Back	V:  #Main Stage

Day #2 - Wednesday the 13th of July, 2022

2022-07-13		Day #2	
	05:00 - 07:00 EDT/ 11:00 - 13:00 CEST	Practical work	V:  #Breakout Room
	07:00 - 08:00 EDT/ 13:00 - 14:00 CEST	Stand-up & demos	V:  #Main Stage
	08:00 - 10:30 EDT/ 14:00 - 16:30 CEST	Practical work	V:  #Breakout Room
	10:30 - 11:00 EDT/ 16:30 - 17:00 CEST	Issues & concerns	V:  #Main Stage
	11:00 - 14:30 EDT/ 17:00 - 20:30 CEST	Practical work	V:  #Breakout Room
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Daily Brief Back	V:  #Main Stage

Day #3 - Thursday, the 14th of July, 2022

2022-07-14		Day #3: Final Day	
	05:00 - 07:00 EDT/ 11:00 - 13:00 CEST	Practical work	V:👥 #Breakout Room
	07:00 - 08:00 EDT/ 13:00 - 14:00 CEST	Stand-up & demos	V:🏛️ #Main Stage
	08:00 - 10:30 EDT/ 14:00 - 16:30 CEST	Practical work	V:👥 #Breakout Room
	10:30 - 11:00 EDT/ 16:30 - 17:00 CEST	Issues & concerns audio	V:🏛️ #Main Stage
	11:00 - 13:30 EDT/ 17:00 - 19:30 CEST	Practical work	V:👥 #Breakout Room
	13:30 - 14:30 EDT/ 19:30 - 20:30 CEST	Demos video	V:📣 GotoMeet
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Wrap-up	V:📣 GotoMeet

Feel Free to add more items to the schedule

2022-07-14		Day #3: Final Day	
	05:00 - 07:00 EDT/ 11:00 - 13:00 CEST	Practical work	V:👤 #Breakout Room
	07:00 - 08:00 EDT/ 13:00 - 14:00 CEST	Stand-up & demos	V:🏛️ #Main Stage
	08:00 - 10:30 EDT/ 14:00 - 16:30 CEST	Practical work	V:👤 #Breakout Room
	10:30 - 11:00 EDT/ 16:30 - 17:00 CEST	Issues & concerns audio	V:🏛️ #Main Stage
	12:00 - 13:00 EDT/ 18:00 - 19:00 CEST	Working group meeting	V:👤 #Breakout Room
	11:00 - 13:30 EDT/ 17:00 - 19:30 CEST	Practical work	V:👤 #Breakout Room
	13:30 - 14:30 EDT/ 19:30 - 20:30 CEST	Demos video	V:📣 GotoMeet
	14:30 - 15:30 EDT/ 20:30 - 21:30 CEST	Wrap-up	V:📣 GotoMeet

👉 <https://github.com/opengeo spatial/developer-events/wiki/Vector-Data-Code-Sprint#schedule>

Missed a session?

- Slides will be uploaded to GitHub.
- There will be a video recording of the demo session.
- There will be audio recordings for all the other sessions at the #Main Stage.

More Information

GitHub repo:

<https://github.com/opengeospatial/developer-events/tree/master/2022/Vector-Data-Code-Sprint>

Wiki page:

<https://github.com/opengeospatial/developer-events/wiki/Vector-Data-Code-Sprint>

Overview of OGC API – Features



Overview of OGC API – Moving Features

An aerial photograph taken from an airplane window, showing a vast landscape below. The terrain is predominantly covered in white snow, with dark, winding roads and patches of green vegetation visible. In the distance, a range of mountains with snow-capped peaks rises against a clear blue sky. The perspective is from a high altitude, looking down at the earth.

Overview of OGC API - Routes



Overview of OGC API - GeoVolumes

An aerial photograph showing a vast, snow-covered landscape. In the foreground, there are dark, winding roads and patches of snow. Behind them, a range of mountains with prominent peaks covered in snow rises against a clear blue sky. The middle ground shows more snow-covered terrain and some scattered white clouds. The overall scene is cold and expansive.



Thank You

Community

500+ International Members
110+ Member Meetings
60+ Alliance and Liaison partners
50+ Standards Working Groups
45+ Domain Working Groups
25+ Years of Not for Profit Work
10+ Regional and Country Forums

Innovation

120+ Innovation Initiatives
380+ Technical reports
Quarterly Tech Trends monitoring

Standards

65+ Adopted Standards
300+ products with 1000+ certified implementations
1,700,000+ Operational Data Sets
Using OGC Standards

