Follow the Data:
Breaking Down Silos

ESRI Energy Resources GIS Conference
May 5, 2022

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"The only constant in life is change" - Heraclitus

Digital platform model

New delivery approach

Projects to DevOps

New ways of working

GIS Data & Insights

New data organization

GIS

Cloud Migration

New technology

Chapter model

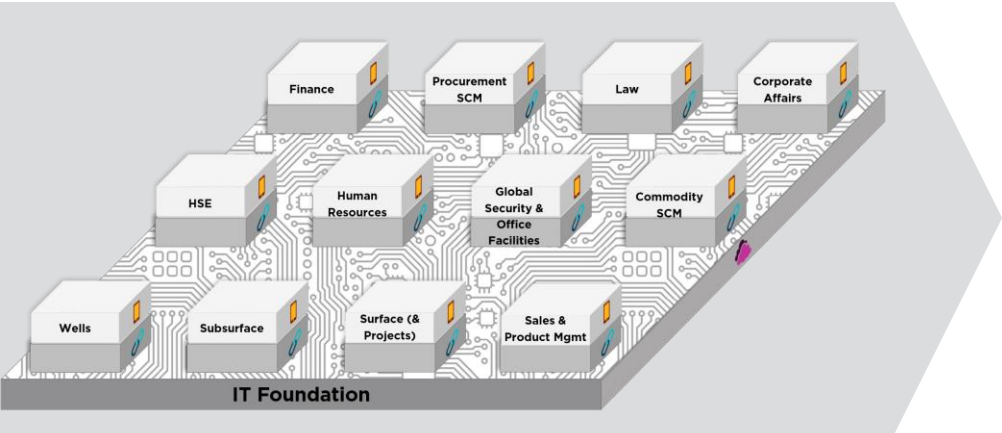*New resource / people development approach*

Show of hands from the audience…how many of you can say that your organization has experienced these types of changes?
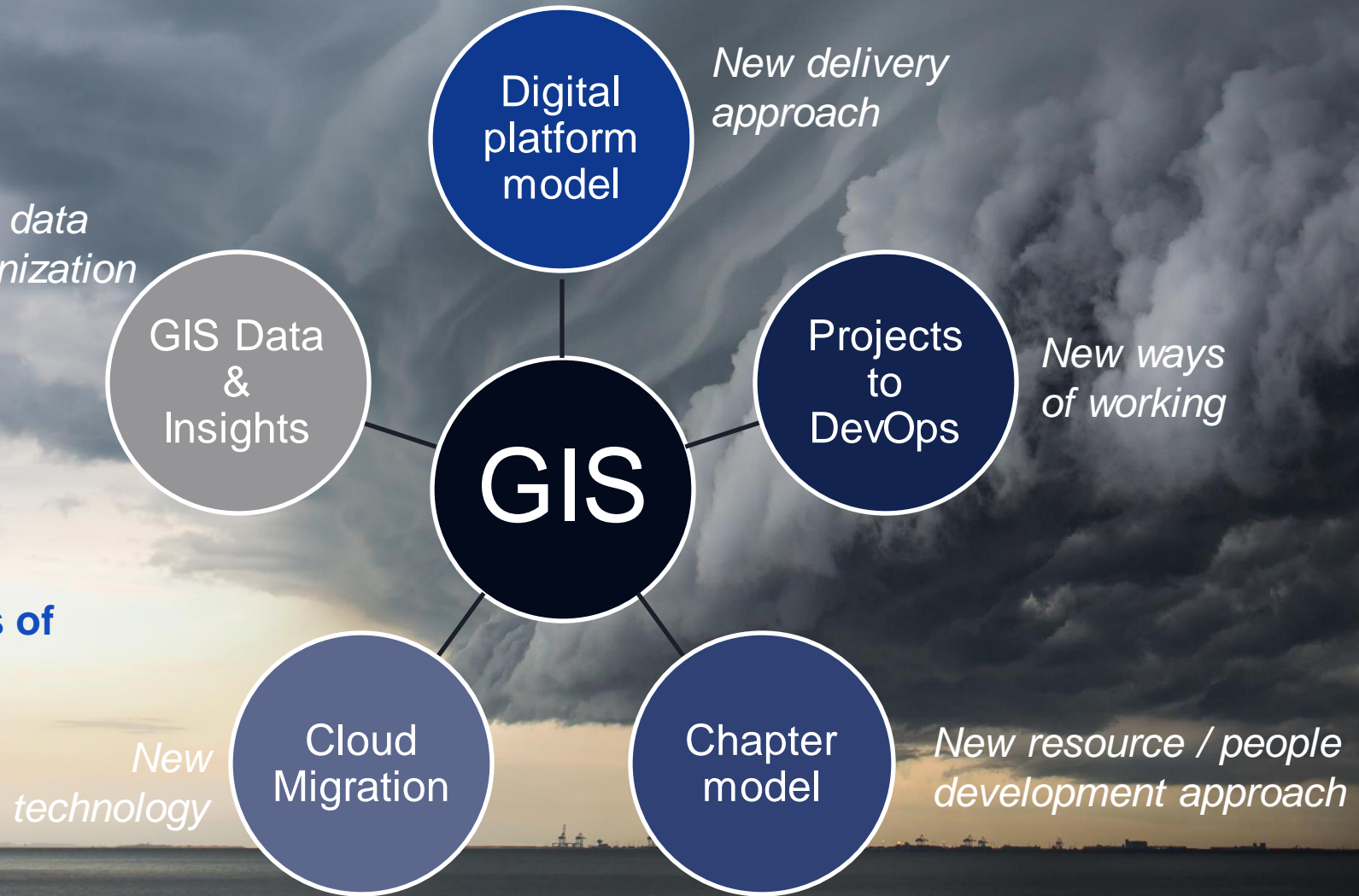
Chevron

Digital Platform Model
a new delivery approach

Chevron's digital platforms fuel innovation and enable competitive advantage across the value chain

- **Accelerate innovation**
- **Capitalize on scale**
- **Drive efficiency**
- **Speed access to quality data**
- **Unlock opportunities across Business Units and functions**

Prior to transformation…

40+ independent BU IT organizations
1,000 points of light
Thousands of on-premise, duplicative legacy solutions
Data is not easily available
Change delivered by projects and annual plans

After transformation…

	13 customer-centric digital platforms built for scale, speed, and efficiency
	Top-down approach for transformational changes to highest value workflows
	Modern tools with agility and speed coupled with efficiency of cloud and mobility
	A focus on data, significantly improving access and quality for key data types
	Agile ways of working, an innovation focus, and citizen development will accelerate results

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Chapter Model
a new people development approach

Six IT Chapters:

- Agile
- Software engineering
- Cybersecurity engineering
- Data engineering
- Data science and analytics
- Cloud engineering and infrastructure

Chapters support people development and digital delivery in six ways

People and development

Supporting delivery the right way

1. Recruiting and Organizational Capability sourcing	2. Performance and management	3. Learning and development

+

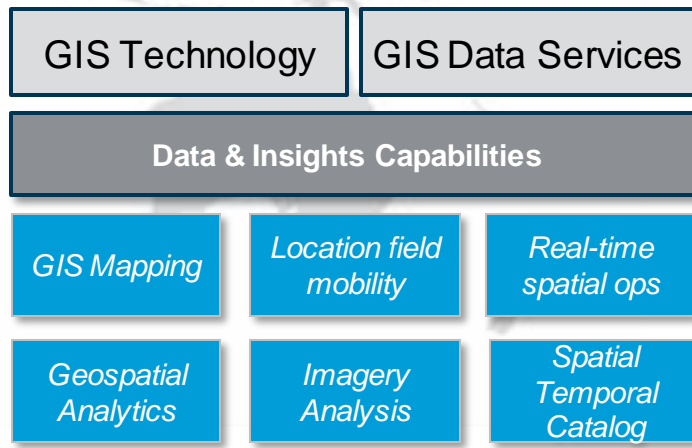| 4. Professional guardrails and best practices	5. Expertise on technological solutions, consistency and quality	6. Resource management and staffing

Cloud Migration
on premise to cloud native: a new technical approach
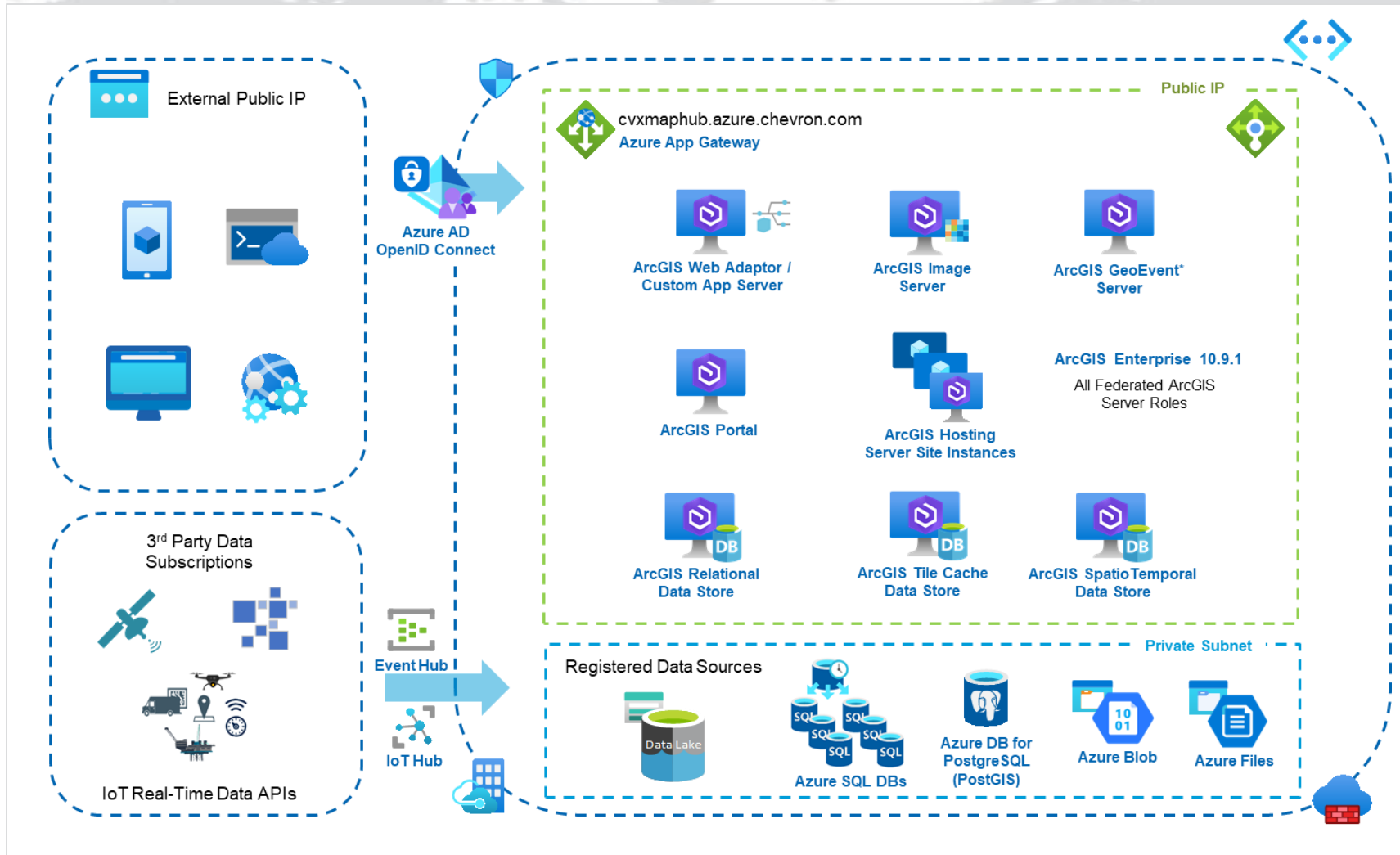
Benefits of Cloud

- Greater Scalability
- Drive down complexity
- Drive down costs
- Increase Data availability
- Easier to upgrade
- More frequent releases
- Cloud-native capabilities
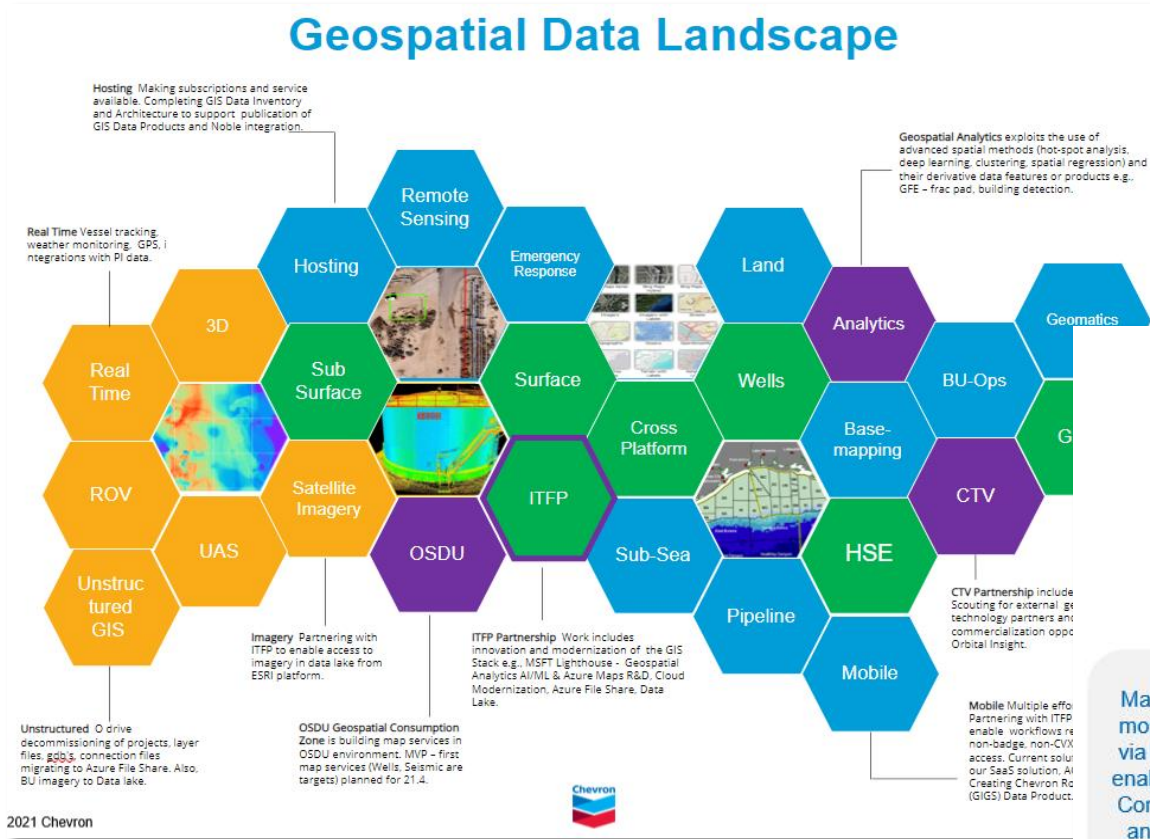- Easier integration with other systems & IT technology stack

| GIS Technology | GIS Data Services |

Data & Insights Capabilities

| GIS Mapping | Location field mobility | Real-time spatial ops |
| Geospatial Analytics | Imagery Analysis | Spatial Temporal Catalog |

New Data Organization

GIS now has a home
Being part of our Data and Insights Org; We ❤ GIS
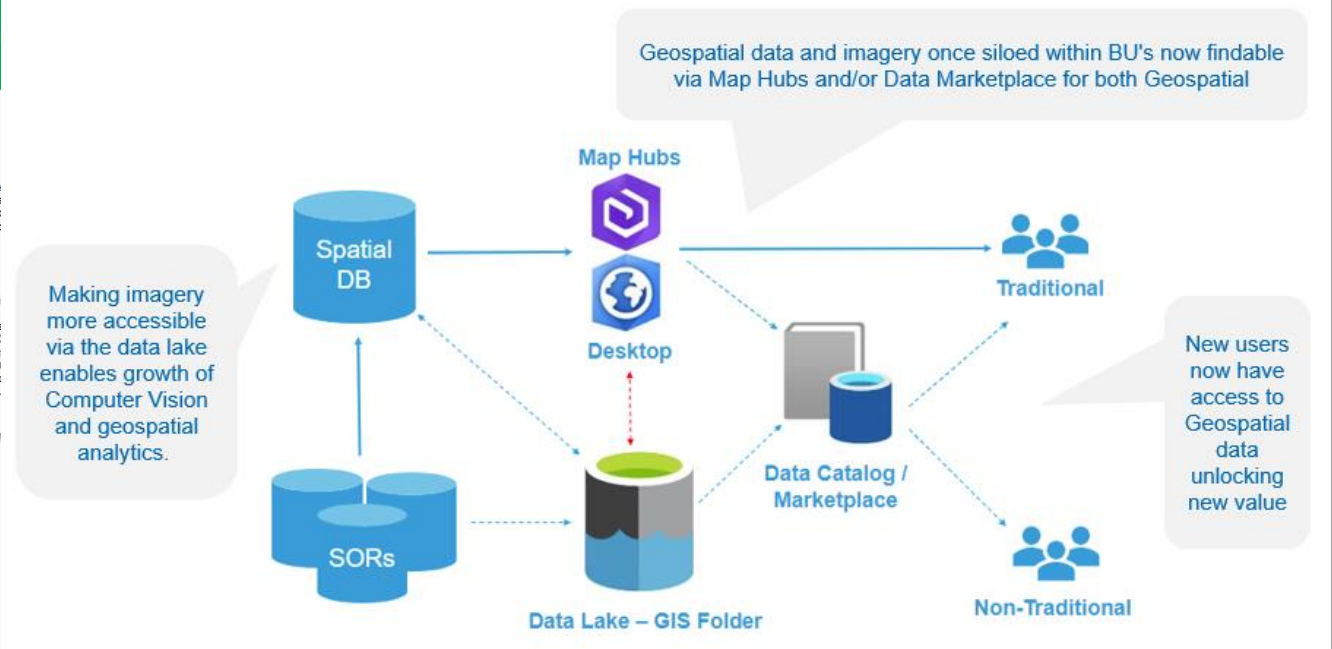
In Progress & Future State
Enterprise GIS Data Products

Authentication & virtualization: ArcGIS Enterprise and ArcGIS Pro enhanced to allow native Azure AD authentication and enable virtualized desktop environments

Data product management: Geospatial Data Product Owners and Consumers will connect and manage data products through Chevron's common data STAC implementation through ArcGIS directly in Chevron's Data Lake
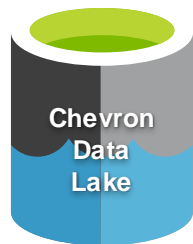
Data lake storage: Chevron GIS Publishers using Map Hub Blob containers will leverage Chevron Data Lake storage for raw tile imagery and rich media data sources

"Alone we can do so little; together we can do so much." – Helen Keller

GIS now has a home

Being part of our Data and Insights Org; We ❤ GIS

…prevents us from being "missed"

Data is in our DNA

Untapping OC in Geospatial data is key to our success as a company

…enhances our data foundation

Joy in Delighting our Users

Building maps + solving energy problems = Demand for Geospatial

…improves customer experience

Unlocking mindsets

Shifting to "we" instead of "me"; Investing in people and replacing legacy tech

…unlocks new value

Following the Data

Eliminating Silos and making it personal - Connecting People with Geospatial Data

…drives our strategy