

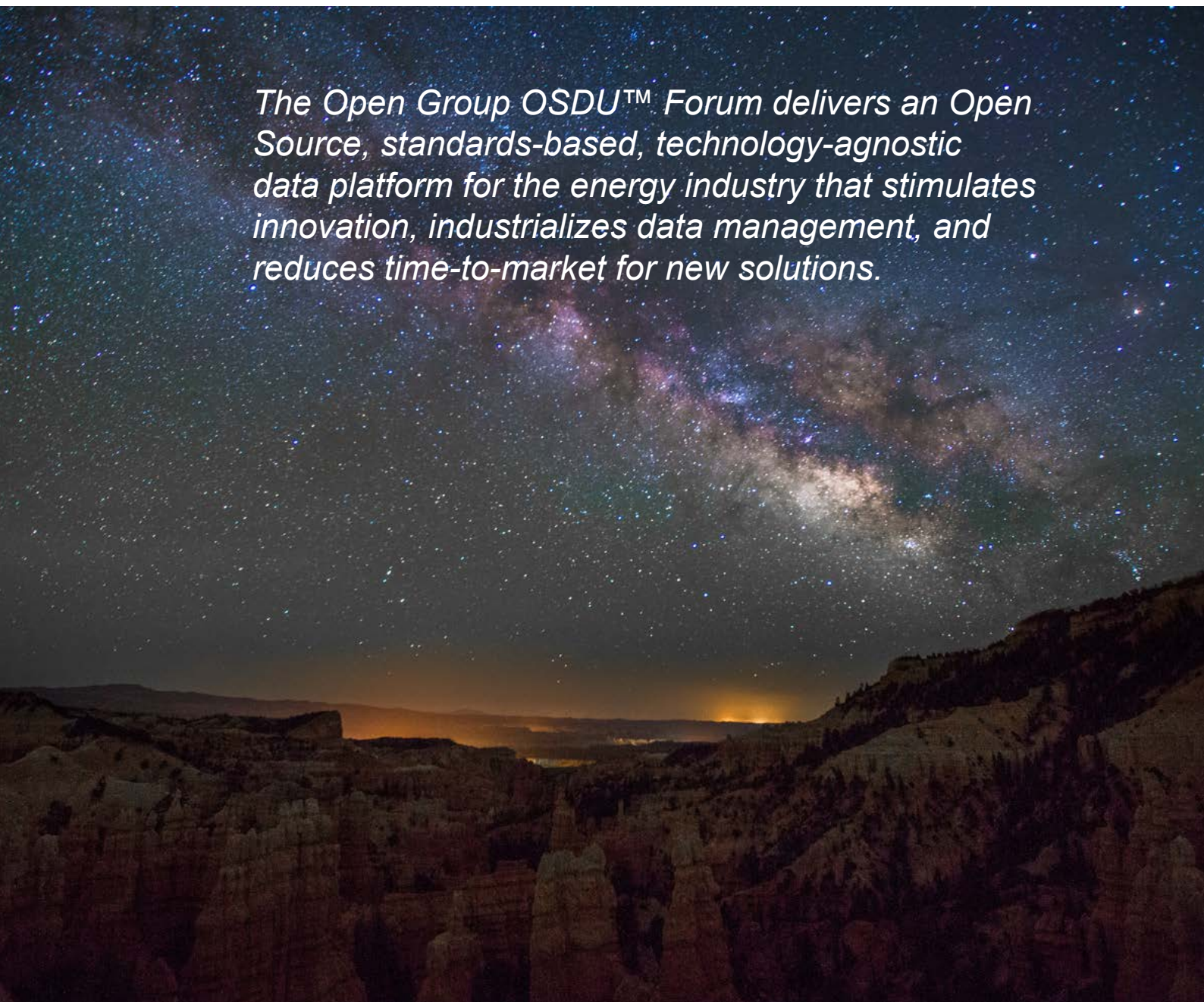


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**THE OPEN GROUP OSDU™ FORUM  
QUARTERLY NEWSLETTER**

1Q 2021

*The Open Group OSDU™ Forum delivers an Open Source, standards-based, technology-agnostic data platform for the energy industry that stimulates innovation, industrializes data management, and reduces time-to-market for new solutions.*



## WELCOME NOTE FROM PHILLIP JONG, CHAIR OF THE OSDU FORUM



***Welcome to the second edition of The Open Group OSDU™ Forum quarterly newsletter.***

*The OSDU Forum will be launching the OSDU Data Platform Mercury Release on Wednesday, March 24, 2021 with two free to attend Webex events taking place during the course of the day to accommodate the wide range of time zones and global coverage of the OSDU Forum. There will be a mixture of keynote presentations and product demonstrations at both sessions. Details of the agenda and timings are outlined in this newsletter along with how to register for the events.*

*Many individuals from a wide range of organizations are working hard in the background to ensure that the first production release Mercury (R3) will be available on March 24. I would personally like to thank everybody who has contributed to this effort and encourage their future participation as we continue to move forward in 2021.*

*For the latest information on the Mercury Release visit the [osduforum.org](https://osduforum.org) site. There you will find some blogs that talk specifically about the progress of the Mercury Release launch along with details on how to access the latest OSDU Data Platform documentation and tools.*

*The [osduforum.org](https://osduforum.org) site will also provide you with details about the latest developments in the OSDU Forum and the OSDU Catalog lists applications, services, data sets, and training materials that are available for the OSDU Data Platform.*

*I look forward to seeing you at our launch events on March 24!*

# LATEST NEWS

## BLUWARE, WIPRO, AND RESOLVE GEOSCIENCES PROVIDE MASS INGESTION OF SEG-Y DATA TO THE OSDU™ DATA PLATFORM

The Open Group OSDU™ Forum Members, Bluware Corp., Wipro Limited, and Resolve Geosciences, Inc. are collaborating to enable mass ingestion of SEG-Y data from tapes and data centers to Bluware OpenVDS™ on the OSDU™ Data Platform.

OSDU Forum Members can use an ingestion pipeline to extract seismic data from archive, store it in the cloud, and exploit it for immediate value. This new end-to-end solution ingests, inspects, and converts data to OpenVDS, and moves it to cloud storage or an OSDU repository. Geoscience teams can derive immediate value by automatic integration with existing applications, while data managers and scientists can easily incorporate the data into their respective environments using APIs.

Bluware contributed OpenVDS to the OSDU Data Platform in June 2020, an open-source storage format for seismic data which eliminates the requirement to copy and convert data to different formats and only serves the required signal quality to specific workflows, yielding extremely fast access. Bluware also offers OpenVDS+™, a free-to-use library that adds Bluware's industry-leading wavelet compression technology to OpenVDS.

Wipro is a Microsoft Azure® implementation and development partner for the OSDU Data Platform. They are enabling and integrating technologies, such as those developed by Bluware and Resolve Geosciences, to help operators migrate their data into the OSDU Data Platform and integrate it into their day-to-day production workflows.

Resolve Geosciences equips seismic data managers with powerful tools to define, analyze, and QC seismic data quickly and effectively. They ensure that data undergoes stringent quality control before being uploaded for users.

This collaboration is equipping the industry with a solution that tackles the data issues which have stifled innovation in geophysics computing, resulting in an opportunity to finally standardize on a seismic format that not only stores data, but one that delivers usable data to applications. With an open-source format and industry proven compression available for free, this is a significant step forward for Forum Members dealing with seismic data management challenges.



bluware



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# THE OSDU™ DATA PLATFORM MERCURY RELEASE



The OSDU™ Data Platform is an Open Source, standards-based and technology-agnostic data platform for the energy industry that stimulates innovation, industrializes data management, and reduces time-to-market for new solutions. The Mercury Release of the OSDU Data Platform will be available on March 24, 2021.

The OSDU Data Platform provides access to a vast portfolio of open and proven vendor-developed applications from a broad range of energy sources. By accessing this ecosystem, developers no longer have to design the monolithic architecture needed to deliver unique value-add services. Now, with a single set of well-defined and industry-specific APIs, organizations can easily accelerate platform design and develop proprietary applications on top of the OSDU Data Platform.

With an Open Source approach, any energy company – from established corporations to start-up challenger companies – with an Open Source project can add new features to the platform, which supports a variety of business workflows. All work is validated by the OSDU Program Management Committee (PMC) to ensure it is aligned with the overall direction of the Forum.

With a single view of industry data, the OSDU Data Platform can be harnessed for innovative business applications. The Mercury Release of the OSDU Data Platform is available to Operators and Software Developers who want to:

- Have a single data platform that liberates data from traditional silos and makes all data discoverable and usable
- Enable new ways of performing integrated exploration and development workflows reducing the overall cycle time
- Take advantage of emerging digital solutions to provide scalability and accelerate decision-making

The OSDU Forum was created by operators, software vendors, and technology providers to accelerate innovation and reduce costs. This is a collaborative project to deliver a common Open Source data platform that provides all of the undifferentiating capabilities needed to enable Digital Transformation and agile innovation. Mercury is the first release of the OSDU Data Platform focused on delivering value and increasing ease-of-use for exploration and development workflows.

The Mercury Release is a pivotal milestone for the community. It builds on our past accomplishments and focuses on delivering value to end users. The previous release delivered a robust common code base with common data definitions, extensibility, and multitenancy. Mercury takes those elements and provides:

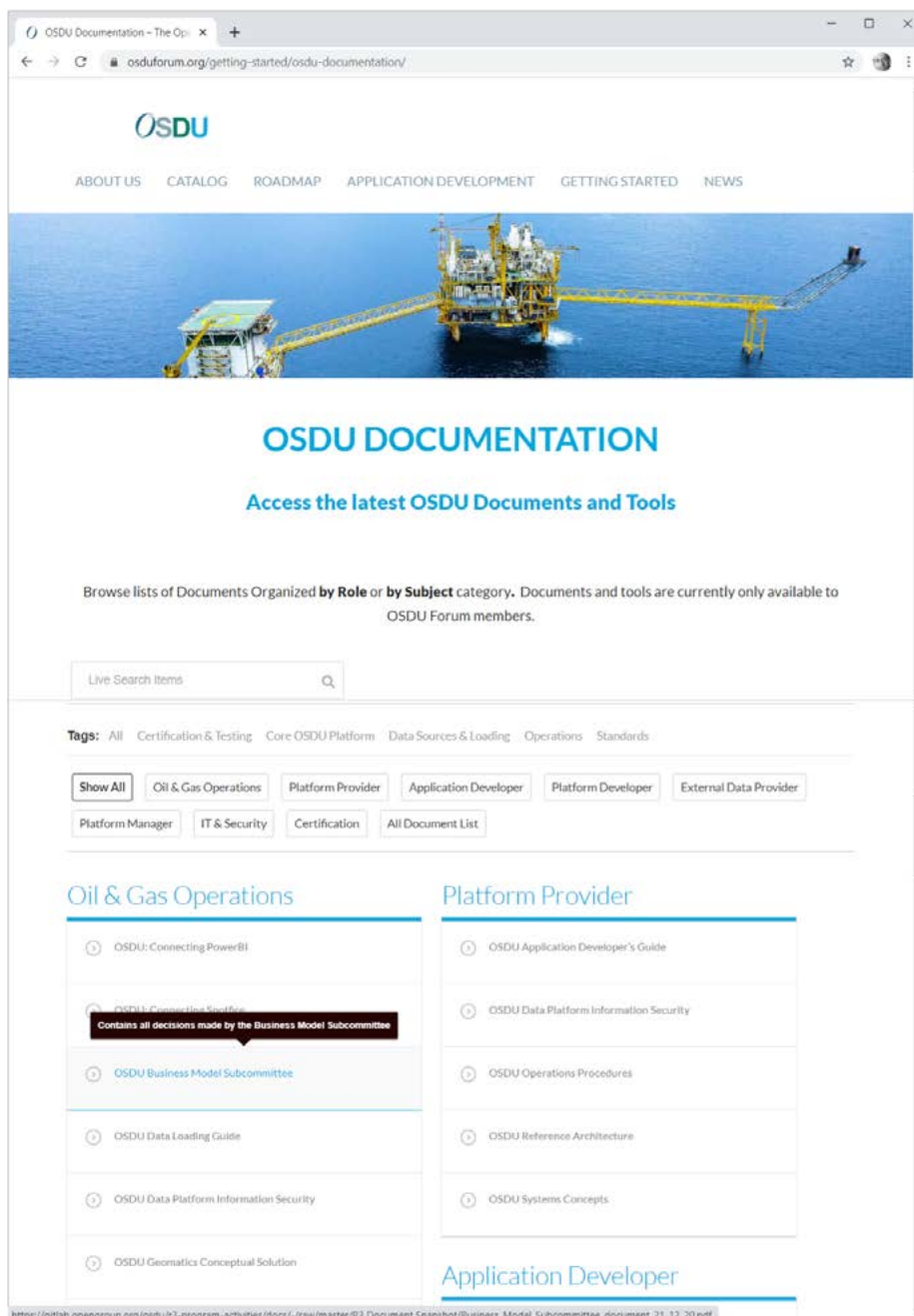
- Features an end user would find valuable and that are aligned with our vision to transform the way we work
- Features an organization requires that establish trust and security in the data platform for adoption
- Performant application data access through the addition of Domain Data Management Systems (DDMS)
- Flexible user-friendly data ingestion with automated enrichment capabilities inside the platform and enhanced compliance supporting both customer defined policies as well as traditional access rights to data

The Mercury Release also provides a strong foundation for Operators to accelerate their Digital Transformation initiatives while providing elasticity and scalability.

Access the latest OSDU Data Platform documentation and tools [here](#).

To learn more about how to develop applications for the OSDU Data Platform, visit our [application developer community page](#).

To learn more about how you can join the OSDU Forum to contribute your own passion and ideas to shape our future direction, visit our [join the OSDU Forum page](#).



# LAUNCH EVENTS ON MARCH 24, 2021

There will be two Webex events to mark the launch of the OSDU Data Platform Mercury Release on March 24. Both meetings are free to attend.

## First Webex Session

The first event will take place at 8:00am GMT, 9:00am CET and will be a two-hour event. The audience for this event is expected to be Members and Non-Members of the OSDU Forum who are primarily based in the UK, Europe, Middle East, Russia, and Asia-Pacific.

The plenary speaker for the first session will be James Moran, VP of dataWorx, Innovation and Engineering, BP. He will be followed by Johan Krebbers, GM Emerging Digital Technologies / VP IT Innovation, Shell on the key elements of the Mercury Release. There will then be an opportunity to see 7 video examples of applications that have been designed for the Mercury Release of the OSDU Data Platform.

There will be examples of applications from:



The agenda for this event is as follows with the time in Central European Time.

9:00 – 9:15	<b>Welcome &amp; Introduction</b> <i>Steve Nunn, President &amp; CEO, The Open Group</i> <i>Phillip Jong, OSDU Forum Chair and Manager Data Foundation Design, Shell Global Solutions</i>	
9:15 – 9:30	<b>OSDU Mercury Release Overview</b> <i>James Moran, Vice President of dataWorx, Innovation &amp; Engineering, BP</i>	
9:30 – 10:00	<b>OSDU Mercury Release Key Elements</b> <i>Johan Krebbers, GM Digital Emerging Technologies / VP IT Innovation, Shell International B.V.</i>	
10:00 – 10:30	<b>OSDU Mercury Release Application Demonstrations</b>	
	<b>Company</b>	<b>Application</b>
	INT	IVAAP
	Hitachi Vantara	47Lining Enterprise Platform as a Service
	Interica	Interica OneView
	Quorum Software	Trusted Data Manager (TDM)
	RoQC	RoQC LogQA
	Geologic	geoLOGIC's SSIO
Emerson	Geolog	
10:30 – 10:45	Open Energy Data Platform <i>Johan Krebbers, GM Digital Emerging Technologies / VP IT Innovation, Shell International B.V.</i>	
10:45 – 11:00	OSDU Mercury Release – Questions?	
11:00	Closing Comments	

For further information about the event and to register visit [here](#).

## Second Webex Session

The second event will take place at 8:00am CDT, 1:00pm GMT and will be a two-hour event. The audience for this event is expected to be Members and Non-Members of the OSDU Forum who are primarily based in the US, North America, and South America.

The plenary speaker for the first session will be Mike Deal, VP Research, Technology, and Digital Development, ExxonMobil. He will be followed by Raj Kannan from Schlumberger on the key elements of the Mercury Release. There will then be an opportunity to see 7 video examples of applications that have been designed for the Mercury Release of the OSDU Data Platform.

There will be examples of applications from:



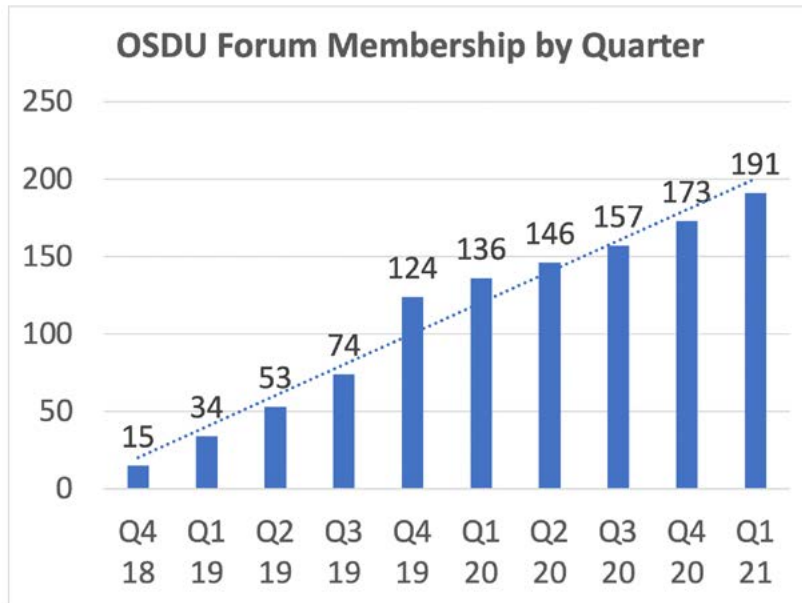
The agenda for this event is as follows with the time in Central Daylight Time:

8:00 – 8:15	<b>Welcome &amp; Introduction</b> <i>Steve Nunn, President &amp; CEO, The Open Group</i> <i>Phillip Jong, OSDU Forum Chair and Manager Data Foundation Design, Shell Global Solutions</i>	
8:15 – 8:30	<b>OSDU Mercury Release Overview</b> <i>Michael Deal, Vice President of Upstream Digital and R&amp;D, ExxonMobil</i>	
8:30 – 9:00	<b>OSDU Mercury Release Key Elements</b> <i>Raj Kannan, OSDU Program Management Committee Lead, Schlumberger</i>	
9:00 – 9:30	<b>OSDU Mercury Release Application Demonstrations</b>	
	<b>Company</b>	<b>Application</b>
	Bluware	Bluware FAST on the OSDU Data Platform
	Schlumberger	Schlumberger Enterprise Data Management Solution for the OSDU Data Platform
	inerG Inc.	InerGexplorer
	Halliburton	Borehole Data Management Dropsite
	Softserve Inc.	Well Data Processing and Lithofacies Prediction
	Ikon Science	Curate by Ikon Science
9:30 – 9:45	Enthought Subsurface AI: Seismic	
9:30 – 9:45	Open Energy Data Platform <i>Johan Krebbers, GM Digital Emerging Technologies / VP IT Innovation, Shell International B.V.</i>	
9:45 – 10:00	OSDU Mercury Release – Questions?	
10:00	Closing Comments	

For further information about the event and to register visit [here](#).

# MEMBERSHIP UPDATE

The OSDU Forum was officially launched in March 2019 and membership has steadily increased every quarter since then.



As of February, 2021, there are 227 current member organizations of The Open Group who are entitled to participate in the OSDU Forum with 191 active OSDU Forum Member companies. There are approximately 1800 individuals from Member organizations that are participating in the OSDU Forum activities.

New organizations who became Members of the OSDU Forum in 4Q, 2020 were:





# SOCIAL MEDIA LINKS

*“Our learnings prove that achieving such an architectural transformation is hard, but, if done in a standardized way, will benefit the entire industry and through the OSDU platform is how we will achieve this. Together with the industry, vendors, and new players, we are planning to make the OSDU platform a fundamental part of the OMNIA journey for the subsurface area in Equinor.”*

**Equinor**

*“Getting Data Entitlements right is absolutely fundamental to OSDU Data Platform’s success. Unless you know who has rights to the data, you can’t work with it, share it, publish it, or report it to the regulator. The detailed, granular entitlements model built into the OSDU platform is a key enabler to its adoption as an open data platform.”*

**Daniel Brown, Executive Director,  
Common Data Access Limited**

*“Our decision to open-source and contribute OpenVDS to the OSDU Forum provides a unique opportunity to shift the industry behind the most efficient and cost-effective way to store and use seismic data.”*

**Bluware**

**Linked in**



[Join our LinkedIn Group](#)

Use the following  
hashtag on Twitter  
**#ogOSDU**





## *About The Open Group*

### **Leading the development of open, vendor-neutral technology standards and certifications**

The Open Group is a global consortium that enables the achievement of business objectives through technology standards. Our diverse membership of more than 800 organizations includes customers, systems and solutions suppliers, tool vendors, integrators, academics, and consultants across multiple industries.

#### **Vision**

Boundaryless Information Flow™ achieved through global interoperability in a secure, reliable, and timely manner.

#### **Mission**

The mission of The Open Group is to drive the creation of Boundaryless Information Flow™ achieved by:

- Working with customers to capture, understand, and address current and emerging requirements, establish policies, and share best practices
- Working with suppliers, consortia, and standards bodies to develop consensus and facilitate interoperability, to evolve and integrate specifications and open source technologies
- Offering a comprehensive set of services to enhance the operational efficiency of consortia
- Developing and operating the industry's premier certification service and encouraging procurement of certified products

#### **Keys facts include:**

- Over 800 Member organizations, with 43,000+ participants in The Open Group activities from 126 countries
- Our Platinum Members are DXC Technology, Fujitsu, HCL, Huawei, IBM, Intel, Micro Focus, Oracle, and Philips
- Developing and operating the industry's premier certification service and encouraging procurement of certified products
- Services provided include strategy, management, innovation and research, standards, certification, and test development
- Over 103,000 TOGAF® 9 certifications worldwide

*Further information on The Open Group can be found at [www.opengroup.org](http://www.opengroup.org).*

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