The Gartner Power of the Profession™ Supply Chain Awards recognize breakthrough innovations in the global supply chain community. This year’s award winners include a wide array of impressive innovations benefiting customers and patients, supply chain teams, supply chain operations and communities at large, while delivering bottom-line results for the business.

Each innovation demonstrates significant investment and commitment to people, partnerships and collaboration as critical enablers of supply chain strategy and business performance. The innovations highlight the impact that’s possible when it’s necessary to quickly take decisive action in the face of significant health, social and environmental challenges. Leaders from purpose-driven organizations show that they proactively consider what is right for their customers and suppliers, thinking beyond shareholder value.

Please read on for a synopsis of each award winner.
About Gartner Power of the Profession Supply Chain Awards

Now in its eighth year, the Gartner Power of the Profession Supply Chain Awards are an annual community-driven recognition program for breakthrough innovations that inspire supply chain transformation around the globe.

Key Benefits
- Showcase your supply chain leadership
- Attract top supply chain talent to your organization
- Advance the supply chain profession

Award Categories

Customer or Patient Innovation of the Year
Achieve a positive, quantifiable impact on customer or patient loyalty through supply chain

Process or Technology Innovation of the Year
Achieve outstanding and quantifiable business performance through supply chain innovation in process engineering or technology application

Social Impact of the Year
Achieve a positive, quantifiable impact on the community and/or the environment through supply chain

People Breakthrough of the Year
Foster diversity on the supply chain team, create value for the business through supply chain, and/or develop capabilities across the value chain

Supply Chain Breakthrough of the Year
Awarded to the highest-scoring category winner

Past winners of Supply Chain Breakthrough of the Year:

2021 Microsoft
2020 Schneider Electric
2019 Levi Strauss
2018 Pfizer
2017 Bayer
2016 The Dow Chemical Company
2015 Unilever
Pfizer and BioNTech developed an mRNA vaccine. The biggest challenges involved storing the vaccine postproduction at minus 75 degrees Celsius and getting the doses into patients’ arms, both of which required an overhaul of the pharma supply chain.

Pfizer achieved continuous delivery of 99.998% on time, helping to significantly reduce the impact of COVID-19 on people worldwide.

Powered by Pfizer’s partner’s supply chain visibility platform, real-time visibility was possible for all vaccine shipments.

The supply chain and operational process innovations implemented for the vaccine distribution will be leveraged for global application, lifting Pfizer’s performance beyond the vaccine.

A new shipper box was developed for shipping the vaccine from ultralow temperature freezers to vaccine distribution centers’ fridges worldwide. This required moving the product across multiple supply chain partners in record time with complete, accurate and real-time visibility on whereabouts and quality characteristics of every dose, all in an automated way.

Together with one of Pfizer’s supply chain visibility partners, a new type of data logger with GPRS signal functionality was deployed, allowing for real-time tracking of location, temperature and humidity. To enhance the efficiency of the daily shipment process, the loggers came preassembled within the shipper box. Once shipments are complete, the loggers’ batteries are loaded again and shipped back for reuse, reducing waste.

The control tower approach connected Pfizer, its partners, the carriers and the different points of use in a real-time collaboration mode. The command center allows for full control on all ongoing shipments, through every node of the supply chain.

Past winners of Gartner Power of the Profession Supply Chain Awards related to customer or patient innovation

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Johnson &amp; Johnson</td>
<td>Ralph Lauren</td>
<td>MSD</td>
<td>Schneider Electric</td>
<td>Bayer</td>
<td>Intel</td>
<td>General Mills</td>
</tr>
</tbody>
</table>
Schneider Electric deployed a “self-healing” supply chain platform driven by adaptive machine learning (ML) to optimize performance-related parameters such as safety stock quantity, minimum order quantities and lead times.

Using artificial intelligence and adaptive ML provided Schneider with new, accurate lead times that were automatically updated in planning systems.

The autonomous nature of Schneider’s self-healing supply chain platform makes it people-independent and sustainable at any point in time.

Schneider credits the platform with productivity gains, delivery time reduction, customer satisfaction increases and improvement on selected manufacturing lines.

Schneider’s supply chain comprises business functions such as procurement, manufacturing, planning, logistics, customer satisfaction and quality. These functions coordinate within a framework of standards and processes to ensure efficiency. Although these parameters help Schneider boost its efficiency, they can become a hindrance if they are not regularly tuned to optimal values.

Schneider’s self-healing supply chain platform uses digital tools to help performance parameters adapt to changing business environments and maintain optimum supply chain performance autonomously, in real time. The platform rests on three main components:

1. The Big Data Solution component ensures real-time or near-real-time data collection through data lake, data streaming, data virtualization and data integration tools.

2. The adaptive ML models then consume the data, learn from any changes and determine optimum values for various supply chain parameters.

3. Once parameter values are determined, software robots and integrated programs continuously monitor for changes to business environments.

Past winners of Gartner Power of the Profession Supply Chain Awards related to process or technology innovation

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft</td>
<td>Schneider Electric</td>
<td>Levi Strauss</td>
<td>P&amp;G</td>
<td>Mondelēz International</td>
<td>The Dow Chemical Company</td>
<td>The Clorox Company</td>
</tr>
</tbody>
</table>

Gartner Power of the Profession™ Supply Chain Awards: 2022 Winners
Microsoft is on a mission to become carbon negative, zero waste and water positive by 2030. The company’s Circular Centers achieve circularity at scale with a zero-waste plan for every part.

Microsoft’s Circular Center model drives improvements in sustainability, cost savings, resilience, local impact, security and collaboration with upstream and downstream partners.

Microsoft expects to process and repurpose a significant majority of its decommissioned computing assets via Circular Centers.

Microsoft shares its approach, impact and lessons with all industries to help reimagine business models toward a more sustainable and circular economy.

Businesses globally must urgently respond to the challenges of climate change, becoming more resilient while decoupling growth from the use of natural resources. Microsoft’s response is to set ambitious plans and empower its partners, suppliers and customers with technologies and lessons as it builds a Planetary Computer to help protect ecosystems.

Over the past year, Microsoft’s Circular Center model has achieved 83% reuse and 17% recycle of critical parts while reducing carbon emissions by 145,000 metric tons of carbon dioxide equivalent. Over the next year, the company will extend the model to all its cloud computing assets and is on track to achieve 90% reuse, with projected savings of $100 million each year.

In March 2020, Microsoft launched the first Circular Center in Amsterdam, which represents 7% of its server capacity globally. A Circular Center is built within a data center campus, where decommissioned IT equipment is processed.

The success of the Amsterdam center led Microsoft to deploy a center in Virginia in 2021. Centers will deploy at five other locations globally in 2022 and 2023.

Past winners of Gartner Power of the Profession Supply Chain Awards related to social impact

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Fisher Scientific</td>
<td>Colgate-Palmolive</td>
<td>Dell Technologies</td>
<td>Pfizer</td>
<td>General Mills</td>
<td>AstraZeneca</td>
<td>Colgate-Palmolive, Delphi Automotive</td>
</tr>
</tbody>
</table>
Testing smartwatches at the Lubes Factory in Shell Brazil takes a proactive approach to health and safety, aiming to predict and avoid incidents by following signals and behavior patterns.

The smartwatch feature measures fatigue and interacts with users, testing their level of tiredness. The subjective test, combined with sensors, can bring a different perspective to each individual.

The goal is to continue the development and implementation of the technology, expand on caring and health, and promote a better, safer place to work. Data anonymization and confidentiality protects an individual's sensitive data.

Since the initiative launched, the average number of alerts needed per working day has dropped, reinforcing the importance of taking a proactive approach.

Shell Brazil, along with partners, is testing a feature of a smartwatch that's capable of predicting accidents such as falls. The feature has helped reduce the average number of alerts needed per working day.

Shell's smartwatches help to improve workplace conditions, reduce the number of nonpredicted stops in the operation and create more-effective countermeasures for mitigating incidents.

The solution allows Shell to move from basic descriptive analytics toward a realm of insights for health, safety, security and environment (HSSE) improvements.

The solution represents HSSE's evolution to manage accidents and risks by drawing preventive plans based on real data.
## Our Esteemed Executive Judges

<table>
<thead>
<tr>
<th>Name</th>
<th>Role and Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexandre Conroy</td>
<td>Executive Vice President, Chief Integrated Supply Chain Officer, Becton, Dickinson and Company</td>
</tr>
<tr>
<td>Ann Ackerson</td>
<td>Chief Procurement Officer, BAE</td>
</tr>
<tr>
<td>Antoine Simonnet</td>
<td>Global Head of Supply Chain Operations, HP Inc.</td>
</tr>
<tr>
<td>Barry Greenhouse</td>
<td>Senior Vice President, Global Supply Chain &amp; Customer Experience, Grainger</td>
</tr>
<tr>
<td>Bart Derde</td>
<td>Senior Vice President, Supply Chain and Quality, GSK</td>
</tr>
<tr>
<td>Bill Good</td>
<td>Vice President, Supply Chain, GE Appliances</td>
</tr>
<tr>
<td>Clare Harris</td>
<td>Executive Vice President, Supply Chain, Contracting and Procurement, Shell</td>
</tr>
<tr>
<td>Cliff Henson</td>
<td>Corporate Vice President, Cloud Supply Chain &amp; Provisioning, Microsoft Cloud</td>
</tr>
<tr>
<td>David Prinslaar</td>
<td>Chief Supply Chain Officer, AkzoNobel</td>
</tr>
<tr>
<td>Donald Frieson</td>
<td>Executive Vice President, Supply Chain, Lowe’s</td>
</tr>
<tr>
<td>Donna Warton</td>
<td>Vice President, Microsoft Devices, Supply Chain &amp; Sustainability, Microsoft</td>
</tr>
<tr>
<td>Dr. Dirk Holbach</td>
<td>Corporate Senior Vice President &amp; CSCO, Laundry &amp; Home Care; Managing Director Henkel Global Supply Chain B.V. (International), Henkel</td>
</tr>
</tbody>
</table>
Our Esteemed Executive Judges

Erik Rasmussen
Senior Vice President, Devices and Supply Chain Management
Novo Nordisk

Eugene Jaramillo
Vice President, Supply Chain Management, Raytheon Missiles & Defense
Raytheon

Ewan Andrew
President, Global Supply & Procurement; Chief Sustainability Officer
Diageo

Francisco Garcia Fornaro
Supply Chain Group Director
L’Oreal

Frank Crespo
Independent

Greg Jozwiak
Corporate Vice President, Integrated Supply Chain
Dow

Greg Smith
Executive Vice President, Global Operations and Supply Chain
Medtronic

Halide Alagöz
Executive Vice President, Chief Product & Sustainability Officer
Ralph Lauren

Hardeep Kharraud
Senior Vice President, Market Merchandising & Promotions
Loblaw’s

Ian Dearn
Senior Vice President, Global Supply Chain
McCormick

Ivanka Janssen
Senior Vice President, Global Integrated Supply Chain
Philips

Jason Reiman
Senior Vice President, Chief Supply Chain Officer
Hershey’s
Our Esteemed Executive Judges

Javier Huerta
Chief Supply Chain Officer
Imperial Brands

Joe Metzger
Executive Vice President, Supply Chain Operations, Walmart U.S.
Walmart

John Church
Chief Transformation & Enterprise Services Officer
General Mills

John Kern
Senior Vice President, Supply Chain Operations
Cisco

Kathy Wengel
Executive Vice President, Chief Global Supply Chain Officer
Johnson & Johnson

Larry Grischow
Senior Vice President, Supply Chain & Procurement
Abercrombie & Fitch

Linzell Harris
Senior Vice President, Global Supply Chain & Strategy
AstraZeneca

Liz O’Neill
Executive Vice President & President, Product, Innovation & Supply Chain
Levi’s

Luigi Giucca
Group Head of Supply Chain
British American Tobacco

Mark Bakker
Senior Vice President & General Manager, Global Operations
HPE

Mark Sutcliffe
Senior Vice President, LCV Business Unit
Renault Nissan Mitsubishi

Michael Edmunds
Vice President, Manufacturing & Global Supply Chain
Bose
Our Esteemed Executive Judges

Mike Duijser  
Executive Vice President; Chief Supply Chain Officer  
Ecolab

Morris Cohen  
Co-Director, Fishman-Davidson Center for Service & Operations Management  
Wharton School, University of Pennsylvania

Mourad Tamoud  
Chief Supply Chain Officer  
Schneider Electric

Noam Shamir  
Senior Vice President, Supply Chain  
Teva Pharmaceuticals

Paul Gallagher  
Chief Supply Chain Officer  
General Mills

Prof. Dr. Arnd Huchzermeier  
Chair of Production Management  
WHU

Prof. Hau Lee  
The Thoma Professor of Operations, Information & Technology  
Stanford University

Prof. Jan Fransoo, Ph.D.  
Professor of Operations and Logistics Management  
Tilburg School of Economics and Management

Ramsey Musa  
Senior Vice President, Supply Chain  
Newmont Mining

Renee Ure  
Chief Operating Officer, Lenovo Data Center Group  
Lenovo

Ricardo Ernst  
Baratta Chair in Global Business; Co-Director, Global Logistics Research Program  
Georgetown University

Riccardo Tavoletti  
Vice President, Global Supply Chain, Lubricants  
BP
Our Esteemed Executive Judges

Rick Spann  
Executive Vice President, Global Operations  
Church & Dwight

Sami Naffakh  
Chief Supply Chain Officer  
Reckitt Benckiser

Sandra MacQuillan  
Executive Vice President; Chief Supply Chain Officer  
Mondelēz International

Sarah Clarke  
Chief Supply Chain Officer  
PVH

Shawn Curran  
Executive Vice President, Head of Operations & Transformation, Old Navy  
Gap

Sheri Lewis  
Executive Vice President, Global Operations & Supply Chain  
Avantor

Terrance Brick  
Vice President, Global Supply Chain Strategy  
Boston Scientific

Venkatesh Alagirisamy  
Chief Supply Chain Officer  
Nike

Viju Menon  
Group President, Global Quality & Operations  
Stryker
Actionable, Objective Insight

Explore these additional complimentary resources and tools for supply chain leaders

Report
Gartner Supply Chain Top 25
Discover who sets the standard for supply chain excellence.

Research
Strategic Planning for Supply Chain
Use a proven template for developing end-to-end supply chain strategy.

eBook
Reinventing Supply Chain for the Future
Explore four innovations to build a disruption-tough supply chain.

eBook
Chief Supply Chain Officer Leadership Vision 2022
Fight supply chain shortages, disruption and labor scarcity.

Access detailed profiles of the 2022 award winners’ best practices

Pfizer: Deep-Freezing the Supply Chain to Bring the COVID-19 Vaccine to the World

Schneider Electric: Adaptive ML-Driven “Self-Healing” Supply Chain Saves €100 Million+

Microsoft: Circularity at Scale — A Zero-Waste Plan for Every Part

Shell: Use of Smartwatch for Employee Safety & Care

Already a client?
Get access to even more resources in your client portal. Log In
Connect With Us

Get actionable, objective insight to deliver on your most critical priorities. Our expert guidance and tools enable faster, smarter decisions and stronger performance. Contact us to become a client:

**U.S.:** 1 855 811 7593

**International:** +44 (0) 3330 607 044

Become a Client

---

Learn more about Gartner for Supply Chain Leaders
gartner.com/en/supply-chain

Stay connected to the latest insights

Attend a Gartner conference
View Conferences

© 2022 Gartner, Inc. and/or its affiliates. All rights reserved. CM-GBS-1548767