

DHL RESILIENCE 360

Turning a potential disruption into competitive advantage

Introduction

DHL Resilience360

RESILIENCE360

Natural disasters, adverse weather, political unrest, cargo theft – all of these events can cause disruption in the supply chain.

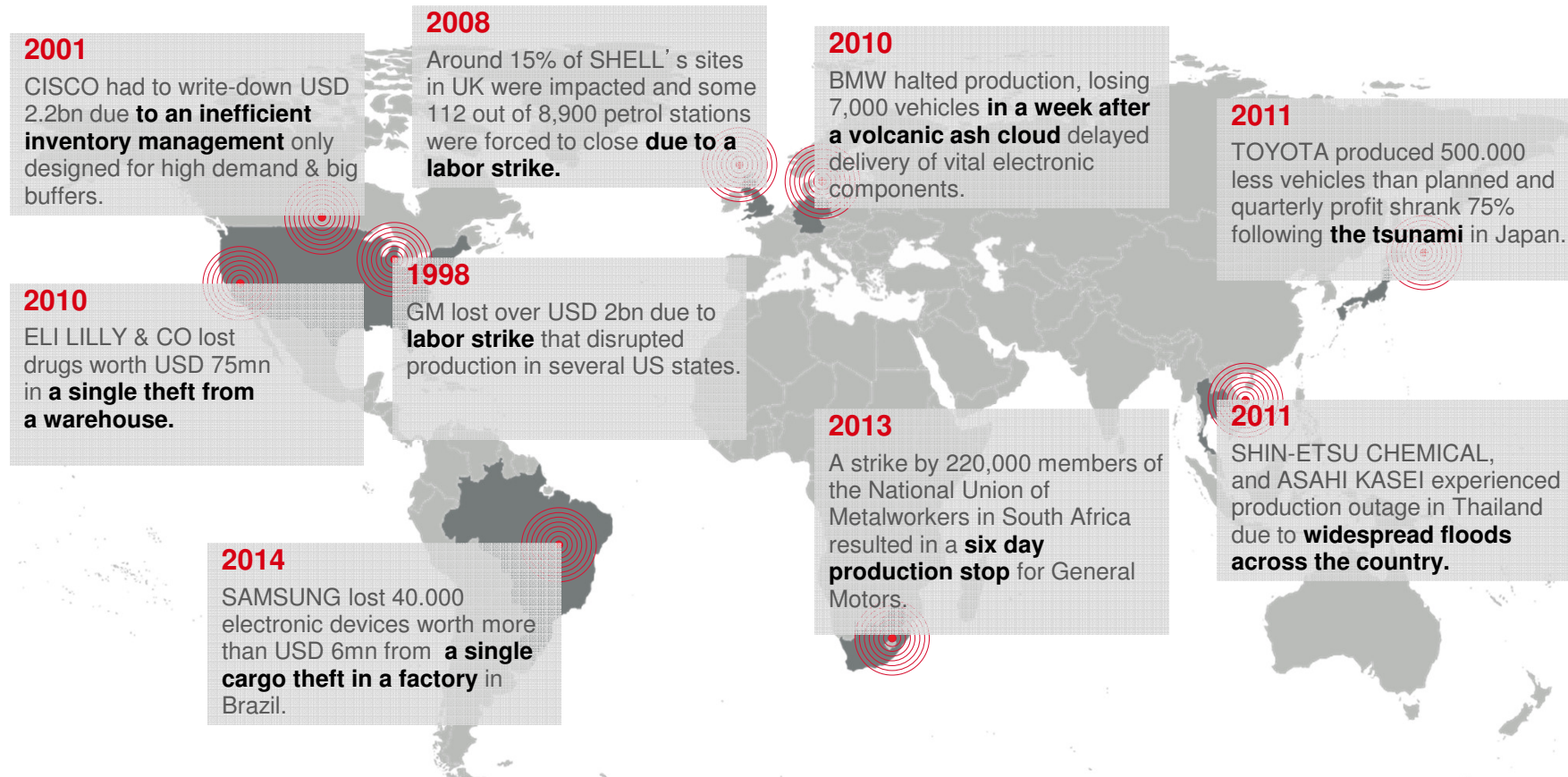
DHL Resilience360 is a cloud-based platform that helps companies manage these risks by mapping their end-to-end supply chain, building risk profiles and identifying critical hotspots, to ultimately initiate mitigation activities. In near-real time, the solution provides alerts on incidents that could disrupt the supply chain. With this new risk management tool, Deutsche Post DHL supports both small and large companies in maintaining and protecting their business operations.

RESILIENCE360
SUPPLY CHAIN RISK
MANAGEMENT SOLUTION



Introduction

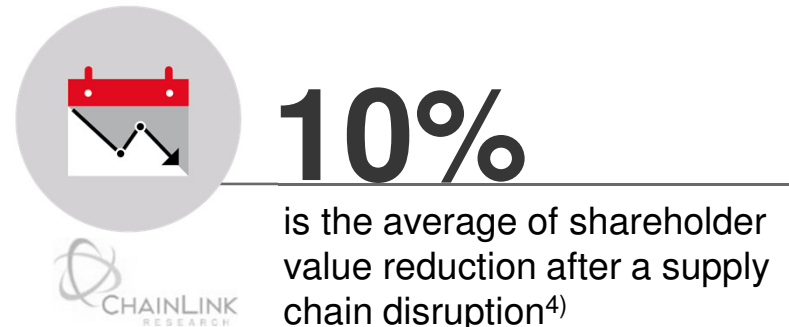
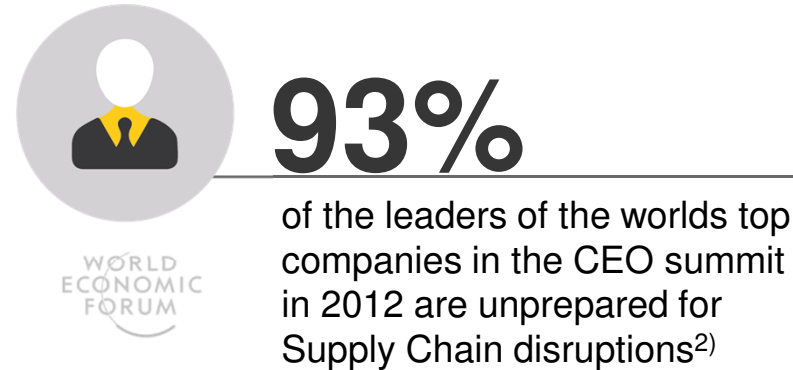
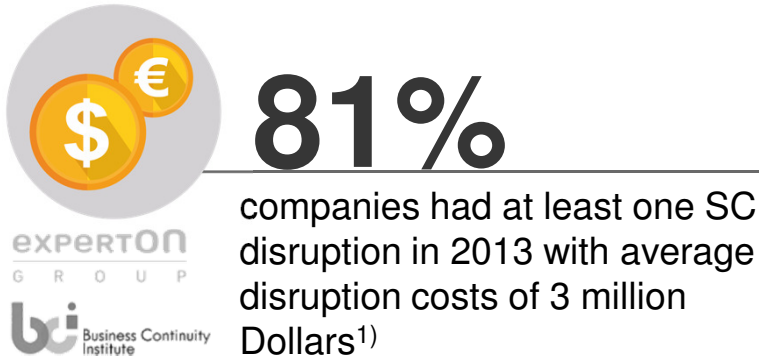
Incidents can affect supply chains anytime & anywhere



Source: Desk Research: News Agencies (CNN – Toyota May Lose 500,000 Vehicles of Output Post-Earthquake, Analyst Says, Business Week – Apple: The Fall of an American Icon, Chicago Tribune – Gm's Strike Loss Grows USD 1.65Bn, Rheinische Post - BMW stoppt Produktion in drei Werken ICIS-Japan disaster: BASF curbs production, closes plants; BDP international-Flooding Forces Shutdown of Chemical Plants in Thailand; BBC-Fuel strike begins to hit supply; Analyst Says, Reuters - Thieves grab up to \$75 million in Eli Lilly drugs; WIPRO – Supply Chain Vulnerability in Times of Disaster; MIT – Reducing the Risk of Supply Chain Disruptions); <http://www.sabc.co.za/news/a/19037f8044ad98d49597fd3bfe17c0b1/Numsa-strike-impacts-GM-production-20141007>

Introduction

The consequences of brittle supply chains



Source: 1) Business Continuity Institute & Experton Group; 2) World Economic Forum Supply Chain and Transport Risk Survey 2011; 3) Jeff Dobbs, Global Sector Chair, Diversified Industrials and a partner with KPMG in the U.S 4) Hendrick & Singhai, "The Effect of Supply Chain Disruptions on Long-Term Shareholder Value, Profitability and Share Price Volatility"

Introduction

RESILIENCE360

Resilience360 – a holistic risk management solution

Rates your supply chain **risks** and **resiliency**, identifies risk hot spots and recommends suitable mitigations



Monitors your supply chain in near real-time for incidents, filters relevant information and triggers follow-up

24/7 Risk Control Towers **determines your impact on** business continuity, highlights existing gaps and implements efficient mitigation actions

Supply chain visualization R360 paints an easy-to-comprehend view of the supply chain

RESILIENCE360

Interactive Map

Capturing Network Logic

Multi-tiered View of Supply Chain Entities

Search & Filter Capabilities

Shipment Integration

Name	Node	Status	Planned Arrival Date	Confirmed Arrival Date
DHLI_2GX5790	Sqthum Fabrics ME	🟢	2015-4-29 AM11:16	2015-4-29 AM11:16
	El Dorado International Airport	🟡	2015-4-30 PM3:00	
	Atlanta Airport	🟡	2015-5-9 PM11:15	
DHLI_3BT4760	Seryen Fabrics SE	🟢	2015-5-12 AM1:00	
	Sattork Electronics SE	🟢	2015-4-20 AM11:20	
	Tanjung Pelepas Port	🟡	2015-4-21 AM6:20	2015-4-21 AM7:20



Risk assessment

R360 evaluates risk and rates the resiliency of your supply chain

The screenshot displays the Resilience360 software interface. On the left, there are four navigation icons: a magnifying glass for 'Supply Chain Risk Exposure Index', a warning sign for 'Risk Assessment Methodology', a globe for 'Heatmaps', and a globe with a checkmark for 'Country Risk Overview'. The main area shows a world map with various colored icons (red, yellow, green) indicating risk levels at different geographical locations. A sidebar on the right, titled 'Toolbox', contains a list of risk types with checkboxes: Natural Disasters (Earthquake, Tornado, Volcano, Extratropical Cyclone, Hail, Tropical Cyclone, Lightning, Wildfire, Tsunami, Storm Surge, Flood), Political Violence (War, Terrorism, Civil Unrest, State Insecurity, External Intervention), Socio Political (Corruption, Law Enforcement, Labour Strike, Corporate Social Responsibility), and Operational (Cargo Theft, Cargo Hijacking). Below the map, there is a keyboard icon.



Incident monitoring

R360 provides near real-time alerts relevant to your supply chain

RESILIENCE360

Aug 13, 2015, 00:38: Explosion at Tianjin Port*
First reports confirm that a gas explosion has taken place near the docks in Tianjin. Social media posts indicate a large fire has occurred.

Notification Messages & Feedback Loops

Notification Messages & Feedback Loops

Notification Messages & Feedback Loops

Affected Locations, Lanes & Shipments

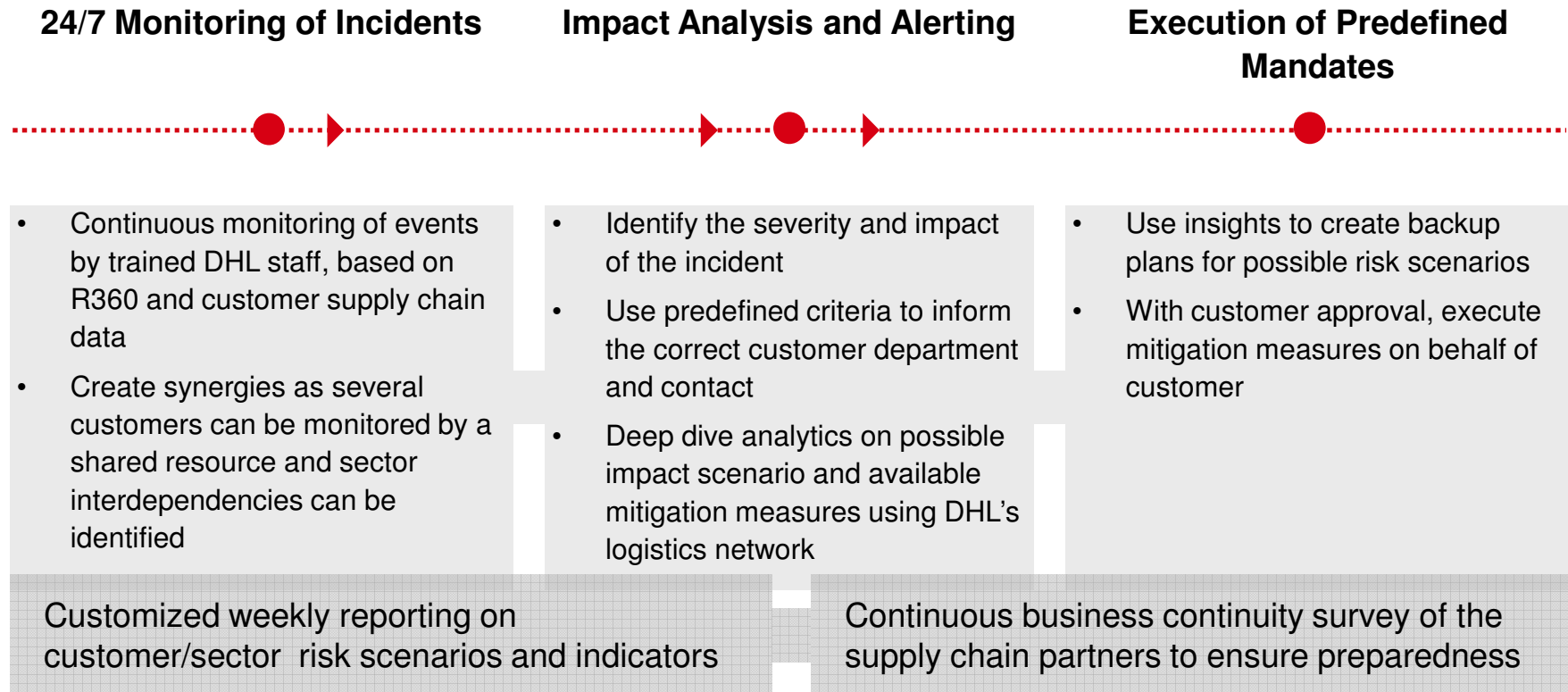
Weekly Incident Reporting

*Incident captured 2hrs earlier than any mainstream media outlets



Risk response

Data driven risk control tower responds to disruptions



Summary

Voice of Resilience360 customers

“ ***Due to our massive footprint, a security situation arising anywhere in the world has consequences for certain parts of DPDHL’s business. Bearing this in mind, Resilience360 brings an enormous boost to the efficiency and effectiveness of our global security situation monitoring capabilities by equipping our security staff with leading-edge tools and methodologies.***

Frank Ewald, Head of Corporate Security,
Deutsche Post DHL

“ ***This assessment was an eye-opener, because we never looked at supply chain risk holistically before. Now we know where the risks are.***

An D’haenens
Logistics Manager EMEA, DuPont

“ ***This pilot exceeded expectations. It shows the value of risk assessment and constant incident monitoring, and makes a strong case for supply chain risk management across the business.***

Peter Heim, Senior Manager Logistics,
ZF Group

“ ***With Resilience360, we gain better visibility of our end-to-end supply chain, and we’re aiming to expand this view to our first tier suppliers and our outbound supply chains. By integrating Incident Monitoring functionality into our supply and delivery processes, we are able to anticipate events and avoid disruptions, and reserve alternative resources before the competition can, effectively safeguarding the delivery of each customer order.***

Peter Schonefeld, Head of Supply Chain Management,
Schmitz Cargobull AG

Summary

10 reasons why you should invest in resiliency

Prevent cargo & inventory loss 

Avoid lost sales 

Avoid supplier failure 

Be compliant, follow regulations & lower insurance 

Reduce premium freight 

Consider health, safety and environment 

Reduce buffer stock 

Maintain order volume & customer loyalty 

Avoid production outage 

Limit reputational loss 

Summary

The global leader in logistics – a perfect choice

Holistic Approach

We offer an IT solution and related consultancies in complementary program, creating an integrated approach to supply chain risk & resilience management.

Unique Combination

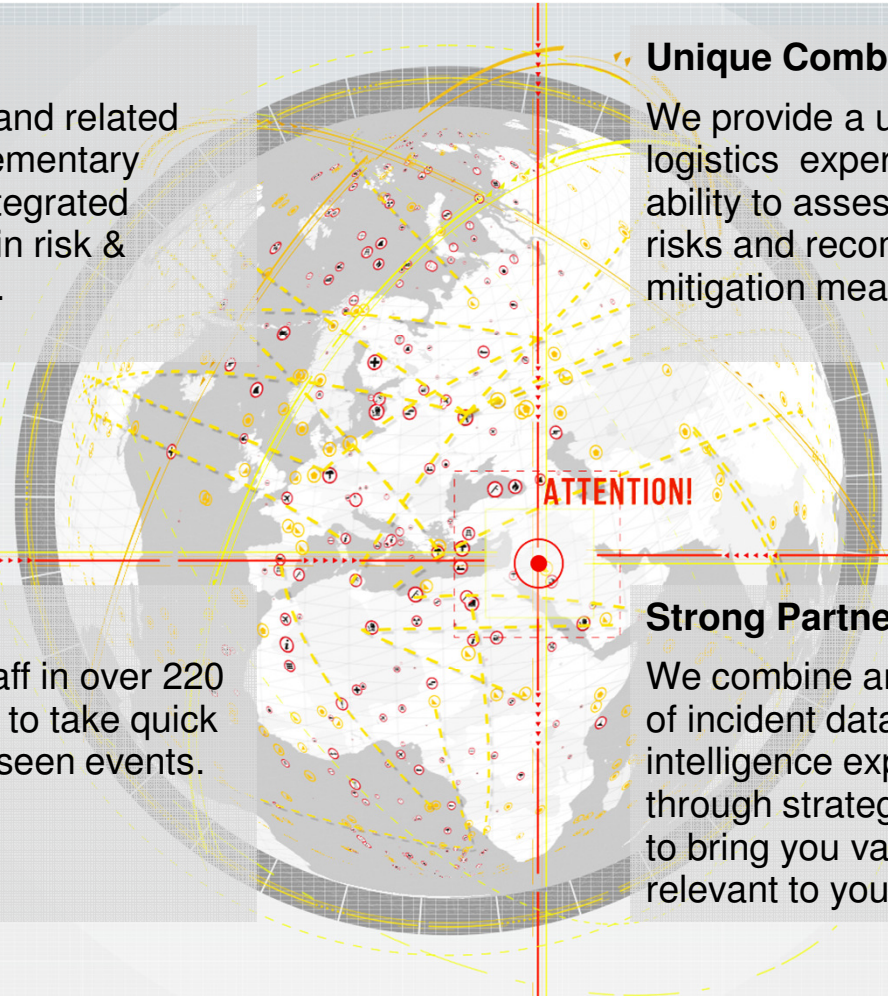
We provide a unique combination of logistics expertise and technical ability to assess your supply chain risks and recommend appropriate mitigation measures.

Global Presence

We have operational staff in over 220 countries and territories to take quick action in case of unforeseen events.

Strong Partnerships

We combine an exceptional network of incident data sources and risk intelligence experts on a global level through strategic partnerships in order to bring you valuable and information relevant to your supply chain.



THANK YOU & STAY RESILIENT!



<http://www.dhl.com/Resilience360>



<http://www.youtube.com/watch?v=88KSrhOYX7k>



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<https://www.linkedin.com/groups?home=&gid=8102120>