

Introducing the value of Salesforce for the Manufacturing Supply Chain

**Nigel Thomas** 

Senior Strategic Account Director

nigel.thomas@salesforce.com



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## We have the privilege of working with the leading manufacturers globally















**UNIVAR** 

AIR LIQUIDE

THE LINDE GROUP



**3M** 

syngenta

**EASTMAN** 

**ECOLAB** 



NISSAN



<u>GM</u>



HONDA













WABCO















BMW GROUP





## Macro trends shape today's Supply Chain operations



**EMEA** trends



**Efficient Supply** Chain as competitive advantage

+3-5% margin can be captured digitizing the Supply Chain (EBITDA)



**Anticipation** of the demand and fulfilment speed

10-15% churn reduction investing in operational performance and lead time improvement



Demand for innovative products and services

35% of the value of a Manufacturing Company is made by software and services



Concerns over environmental and social footprint

30 T\$ is the size of global sustainable investment in 2019

Examples



Solvay "How can we reduce risk and bureaucratic, manual work with our suppliers?"

SmithNephew "How can we align Sales and Operations to reduce working capital?"



"How can we accelerate the time to market?"

**BASF** "How can we ensure a minimal supply chain disruption with Covid?"

Sources: McKinsey "Four pathways to digital growth that work for B2B companies"; "Supply Chain 4.0: Opportunities to use your supply chain for differentiation; How-b2b-digital-leaders-drive-five-times-more-revenue-growth-than-their-peers; Deliver on time or pay the fine: Speed and precision as the new supply-chain drivers Radically rethink your strategy: How digital B2B ecosystems can help traditional manufacturers create and protect value: Five ways that ESG creates value

# Siloes Disconnect Functions and Customers and prevent to unlock value from digitization

salesforce Unlock Front Office End the "Hidden Office" **Customer 360 ERP Systems Manufacturing Operational** Complex Line of Disconnected and Product Systems Integrations **Business Silos Customer Functions** Catalog Account Engineering Financial Engineering Drawings Application **ERP** Logistics Pricing Submittals Engineering Application Product Manufacturing Inventory Cost Estimates Engineering Product. Corrective 60 Execution Supply Action Purchasing/Supply Chain Chain Sales & Quotes Forecast Mgmt. Marketing Contracts Product Ship Status Account History Margin Quality ( E-Commerce HR ( Financial History Ops. Performance Systems Manufacturing Manufacturing Install Base Finance Payables Execution Receivables



# Salesforce supports digital transformation in 4 key areas



Commercial Excellence

- Sales excellence (incl., channel management, S&OP)
- Pricing excellence
- Marketing excellence



Digital Operations

- Intelligent field Operations
- Optimized Supplier management
- Rapid process digitization (e.g., NPI)



### Servitization

- Remote
   Monitoring and
   Predictive
   Maintenance
- Subscription based service offerings
- New business models (e.g., data marketplaces)



Engagement for Sustainability

- Worker safety
- Resource
   Optimization and
   Sustainability
   strategy
- Reputation and stakeholder management

# Salesforce delivers end-to-end predictability and visibility across manufacturing value chain

# salesforce

# Innovation and Process Digitization

### **Procurement**

### S&OP and Logistics

### Production

### Service/ Maintenance

- Program / NPDI
  management:
  documentation,
  collaboration and
  reduced go-to-market
  time
- Product life cycle management
- New data-driven
   business models

- Supplier effective
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- Forecasting accuracy for improved S&OP
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- Data-driven Customized
  Service
- Remote Monitoring and Predictive Maintenance
- Rapid response to customer request
- Digital product docs & specs

© PONCASTERS 75% faster order acceptance process



one single solution to harmonize Supplier Purchasing Process (SPP)



per transaction, with 24h/7 available reordering solution



Henkel -20% energy consumption across Laundry & Home Care supply chain



combines apps and system components to monitor install base and digitize maintenance



## What's a typical customers' ambition?



**Supply Chain Transformation** 



Visibility: do you have the right visibility across your extended supply chain?



**Accuracy**: can you integrate the most up-to-date information and on demand trends into planning tools, leveraging historical data and predictive analytics? Do you have the right tools to get demand & supply alignment?



**Consistency**: have you identified best practices across different BU's? Have you managed to unify your processes across the company, including Supplier Management and Sales & Operational Planning (S&OP)?



## Salesforce delivers end-to-end predictability and visibility across the manufacturing value chain

### Innovation and **Process Digitization**

### **Procurement**

S&OP and Logistics

## **Production**

### Service/ Maintenance

- Program / NPDI management: documentation. collaboration and reduced go-to-market time
- Product life cycle management
- New data-driven business models

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one single solution to harmonize **Supplier Purchasing** Process (SPP)



**UNIVAR** reduced cost per transaction, with 24h/7 available reordering solution





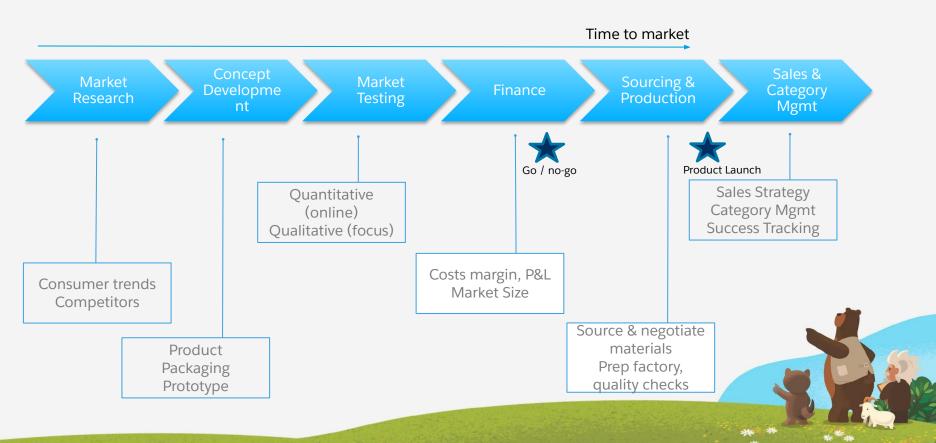
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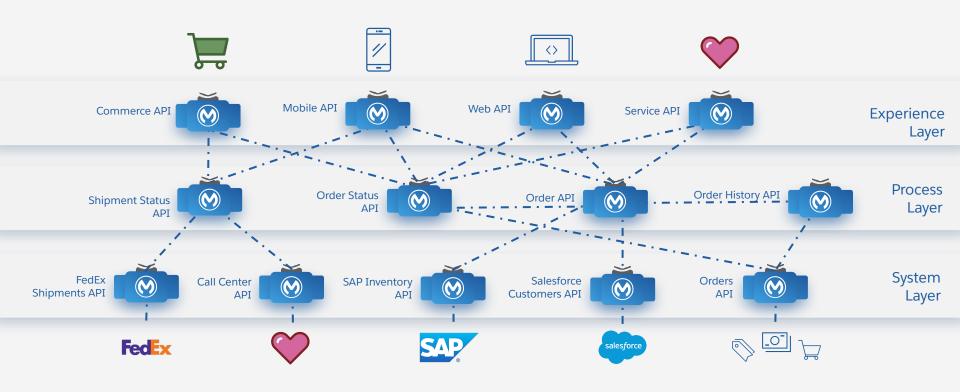


# Key challenge in NPD/I is speed to market - up to 1.5-2 years for minor product modification like packaging



## **API-led Approach Accelerates Projects Through Re-use**







# Doncasters streamlines product development end to end from Opportunity to Delivery

### **Situation**

- Leading manufacturer of high-precision alloy components for the civil and military aero engine markets. 3800+ employees, across 21 facilities in 6 countries.
- Lack of visibility on the Sales and Post
   Opportunity Process, and low enquiry
   response times due to gaps in ownership
   and drive of "Business Win" process, lack of
   communication and too many manual
   processes,

### Solution

 Salesforce to manage accounts & connections, sell products, close deals. Share info from anywhere info with co-workers, customers, partners.

# Design new applications, to **digitize the most** manual processes:

- NPDI & Order Acceptance Apps for an E2E process from Opportunity to Delivery
- PM & Capex to deliver independent applications to satisfy specific process gaps







Product Innovation Procurement Planning & Logistics Production Maintenance





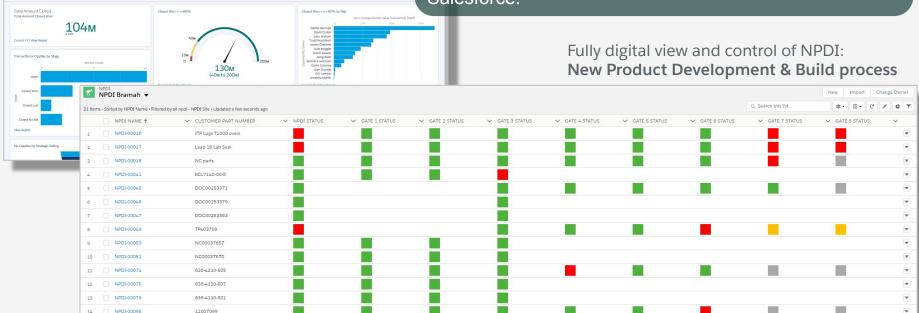


Dashboard view of the complete business

DON - Sales Manager Dashboard

"We can see what we have easily... we do not use spreadsheets anymore."

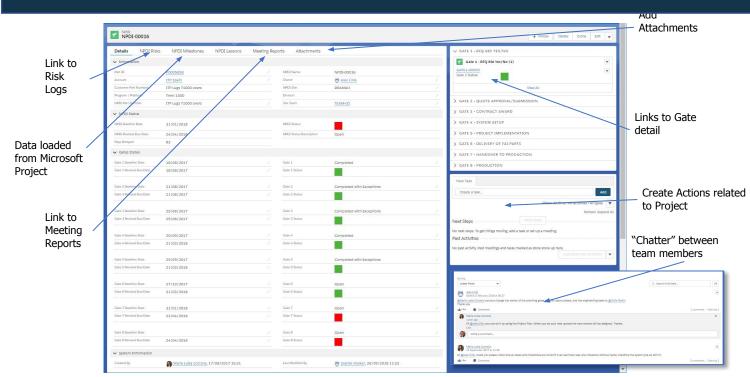
"Morning meetings are completely run through Salesforce."



### **NPDI – Post Opportunity Process**



## All the data required to manage a Part through NDPI is captured...



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# Salesforce delivers end-to-end predictability and visibility across manufacturing value chain

salesforce

# Innovation and Process Digitization

### **Procurement**

# S&OP and Logistics

### Production

### Service/ Maintenance

- Program / NPDI
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solution to harmonize Supplier Purchasing Process (SPP)



per transaction, with 24h/7 available reordering solution



ost



-20% energy consumption across Laundry & Home Care supply chain



combines apps and system components to monitor install base and digitize maintenance



## **Collaboration with Your Suppliers**

### Extend the power of the Salesforce Platform



### **Supplier Engagement Hub and Support**

Consolidated collaboration, Supplier self-service portal, Case management for operational issues

### **Simplified Onboarding Process**

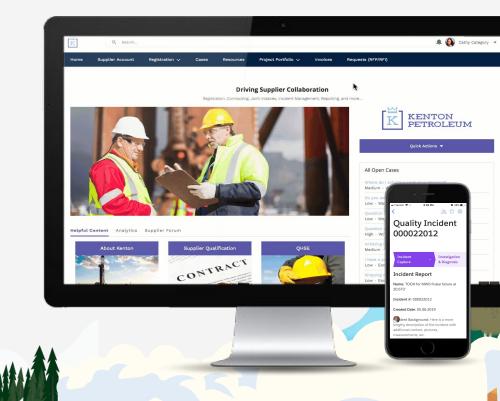
Accelerate supplier onboarding through workflows/automation and vendor networks

### **Personalized Communication Strategies**

Include strong collaboration tooling to support innovation with key suppliers

### **Training**

E-Learning platform with gamification



# Create 360° visibility on Supplier data, performance and improve Engagement and Collaboration





Improved Performance Through Analytics and Insights





### 360° Supplier View

**Connecting Disparate** Systems to Drive **Operational Efficiency** 



Supplier



### **Community Collaboration**

Seamless Collaboration Between Buyers, Tech Dept and Suppliers



## **Supply Chain Analytics**

Extend the power of the Salesforce Platform

### **Network analytics**

Benchmark and compare Supplier analytics from multiple systems of record

### Performance and risk analysis

Improve performance and risk management across various KPIs informed by advanced analytics capabilities (decision support)

### **Automatic Insights**

Be informed by actionable AI/ML for, vendor stratification and risk recognition, monitoring and alerting, and ongoing performance management

### **Forecasting**

Improve forecasting with Sales and Operations with input from internal sales and partners





## Salesforce delivers end-to-end predictability and visibility across manufacturing value chain

S&OP and

Logistics

### Innovation and **Process Digitization**

Program / NPDI

management:

time

documentation.

collaboration and

Product life cycle

New data-driven business models

management

reduced go-to-market

- Supplier effective Onboarding, Tracking and collaboration
- **Quality Control**
- **Spend Analysis**
- Automated workflows

### **Procurement**

- Forecasting accuracy for improved S&OP
- Real-time visibility on Supply Chain Data
- Self-service reordering

**UNIVAR** reduced cost

per transaction, with

reordering solution

24h/7 available

**Smart Inventory** management

### **Production**

- **Resource Optimization**
- Order-based production planning
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### Service/ **Maintenance**

- Data-driven Customized Service
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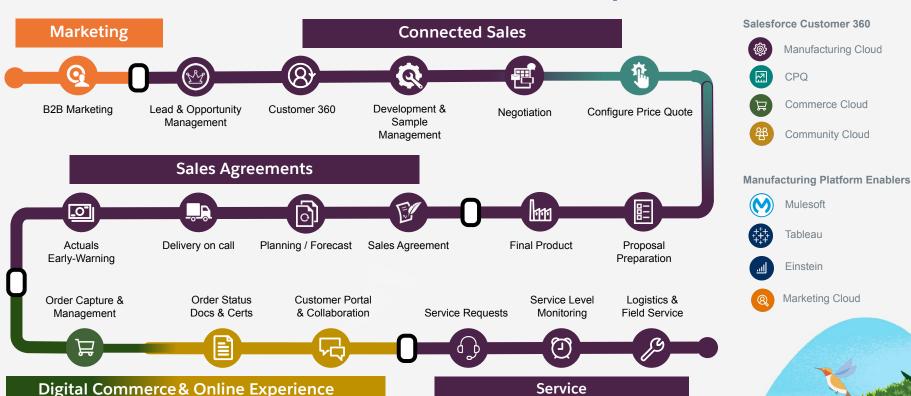
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# Salesforce enables Commercial Excellence for a Frictionless & Cost Effective Customer Experience





# Drive Alignment with Unified Sales and Demand Planning

Enhance existing demand planning processes with Manufacturing Cloud

### See how actuals track against forecasts

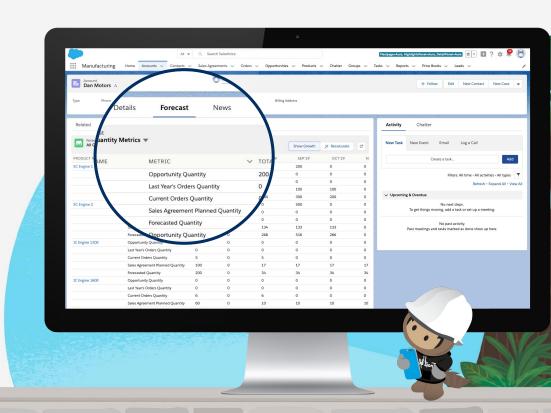
Quickly determine the source of discrepancies in the forecast, and analyze incremental demand or product sales to reach a conclusion

# Identify gaps in forecasts or revenue goals

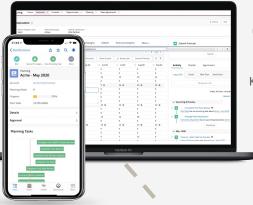
Collaborate closely with account teams to understand root cause and determine how to close these gaps

### **Enable dynamic sales forecasting**

Visibility into run-rate business and new opportunities enable more informed decision-making and optimized supply chain, inventory, and production alignment



# on agreements, supply plan and inventory levels





**Key Account** MAnager





**Planning** Leader





### **Sales Forecast**

Holistic forecast with predicted volumes and revenues across new and run-rate business



### **S&OP Review**

Compare Sales & Production vs Forecast and run "What-if" Scenarios



**Inventory Management** Manage Inventory based on Demand & Supply analysis, and send adjustments to ERP



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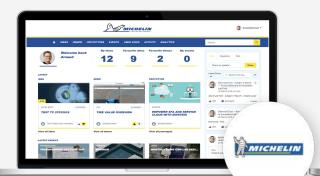




Product Innovation Procurement Planning & Logistics Production Maintenance

# Our customers leverage our technology to drive innovation and continuous improvement

















### Production

# BP leverages technology to ensure safe and intelligent on-site operations







Contractor, Offsites





Process Safety





### Command Center & Safety Console Complete view of all ongoing, planned, and unplanned work. Process Workflow & Incident

Resolution



Actionable Analytics
Real-time, integrated view of enterprise business data, for contextual actions power workflow

### **Workforce Onboarding and Engagement**

Knowledge Management and Gamified Learning. Mobile apps to support work execution and field data capture



Product Innovation Procurement Planning & Logistics Production Maintenance

# Newtec creates new business of factory outsourcing thanks to visibility into production floor conditions



Auditable Sensor Data of the production floor created new business opportunity of factory outsourcing "With Salesforce, we learn faster and act faster. It helps to skyrocket customer satisfaction and competitive advantage."



# Salesforce delivers end-to-end predictability and visibility across manufacturing value chain



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consumption across
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"We have over 300 applications in total on the platform and we have a growing pipeline of projects that want to use MuleSoft's capability. We are enabling our business to come up with new solutions quickly and efficiently." Szymon Myśliński, Head of IT Innovation



# Fast Tracking ABB's Supply Chain and Manufacturing

### **Process**

### Challenge

Inability to access customer data from backend systems made it difficult to scale to business needs

Brittle inflexible integrations led to delays in product launches

### **Solution**

Built a single customer view by leveraging MuleSoft to unlock data from Sales Cloud, SAP, and other backend systems

Empowered IT to accelerate new product delivery like remote condition monitoring by streamlining the product development process



Platform



Service Cloud



MuleSoft



Sales Cloud



Marketing Cloud

**80%** faster project delivery

**2.5X** faster backend connectivity

# ABB legerages API catalog to access back-end data and design Remote Services for Drives



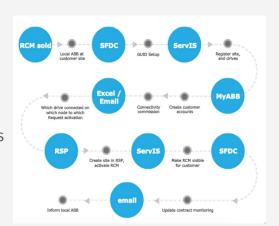
From multi step process of data extraction ...

ABB designed Remote condition monitoring for former stand alone drives

Commit on equipment uptime and offer an additional service

Access data stored in multiple sources.
This normally requires up to 56 steps from front- to back-end applications

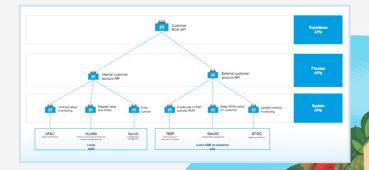




### ... to a smart self-service API exchange platform

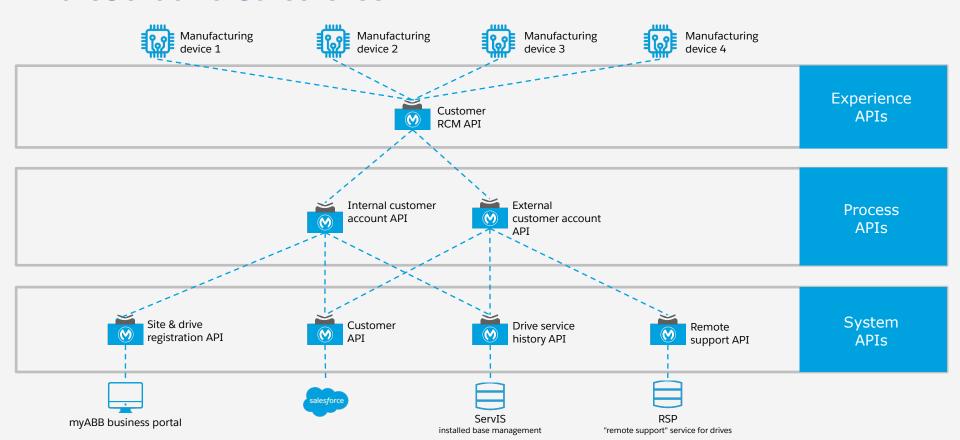
The API catalog integrates data coming from SAP, MyABB customer portal, ServIS customer service, ...

Once data is connected throughout the smart three-layered architecture, it can be processed and exposed to consumption (reusable APIs)



# Accelerating manufacturing production with MuleSoft and Salesforce





# KBA launches Service-based Models leveraging Predictive Maintenance



### **CUSTOMER COMMUNITY**

Multi-channel access to asset

performance and case management



# NEW BUSINESS MODELS Product-driven services as

more value

**UNLOCK UPSELL/CROSS-SELL**Turn every customer interaction into

Product-driven services as new revenue streams

### **PROACTIVE SERVICE**

Predict failure with Analytics & reduce unplanned downtime



### **PRODUCT 2.0**

Improved product development based on usage



# In order to capture the benefits of process digitization in Manufacturing, a solid integration strategy is needed

### **Challenge**: IT complexity

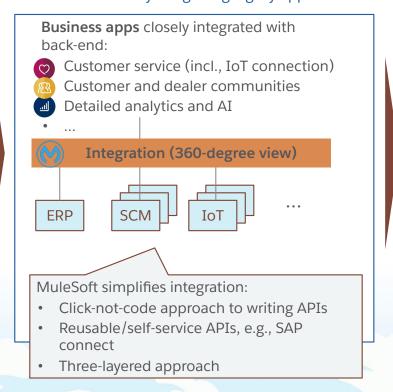
# Manufacturers face a highly complex IT landscape:

- Customer data in wide range of legacy apps (e.g., remote-control monitoring at ABB needed 56 integrations)
- Heavy acquisition strategy further complexifies IT landscape (e.g., ....)

At the same time, digital transformation implies more is expected from IT, e.g.,

- Customer-centric transformation
- Testing of new technologies (e.g., AR for service)

**Solution**: Efficiently integrating legacy apps



**Impact**: Increasing speed of innovation



**80%** faster developer onboarding (faster delivery)

Avg. **4.6** of connected systems per reusable APIs (improved efficiency)

### **AIRBUS**

**4X** improved delivery speed



## Several ISV solutions foster process digitization (1/2)



### Propel - PLM / QMS

Cloud PLM, Commercialization, and QMS Solution; for engineering companies (focus on high-tech)



### **ComplianceQuest - SRM**

End-to-end Enterprise Quality and Safety Management System (QHSE = EQMS + EHS) built with Force.com



### Rootstock - ERP / S&OP

Cloud ERP run on Salesforce Platform; offers single platform to manage operations



use Propel as PLM: document components, development steps (e.g., design verification steps), reuse building blocks from other development processes

Expedite supplier onboarding with pre-defined process workflows & checklists; real-time exchange of documents; monitor supplier performance

shifted to Cloud ERP to overcome disconnected legacy ERP systems and connect their front and back-office

## Several ISV solutions foster process digitization (2/2)



### **Acumen**

Integrate 3rd party data (IHS / OEM production forecasts) into MFG Cloud; improve production & sales forecast and inventory levels



Primarily for tier-1 auto suppliers; other use cases include market share estimation via IHS data and white space identification via Einstein Analytics

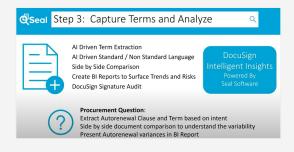
### Sightcall

Equip service experts with tools to resolve cases remotely and reduce asset downtime, via live video and AR capabilities; built on Service Cloud



### **Docusign / Seal Software**

Analyse contract terms and SLAs with AI in procurement and distribution



during Covid and is now solving 80% of service cases remotely

AI-driven insights on contract agreements like cost, compliance risk and optimization possibilities



