



The Infor logo, which consists of the lowercase letters 'infor' in a white, sans-serif font, centered within a solid red square.

Lås Opp Fremtiden med AWS og Infor

Ragnar Harper
Head of Technology Norway



'a different type of partnership'

- AWS and Infor partnership
- AWS and Infor innovations
- Generative AI and ML

Norwegian Companies Building on Amazon Web Services



Schibsted



Norsk Tipping



easee



norwegian✈



+ Every Infor
Cloud Customer
in Norway



Press on Customers Building on AWS

Norsk selskap i strategisk AI-samarbeid med Amazon



AWS: Amazon Web Services er en stor del av den totale omsetningen til Amazon. Foto: Pål Nisja-Wilhelmsen (Nettavisen)

Norske Crayon blir en del av den nye AI-satsingen til AWS.

FINANSWATCH

Bank Forsikring Pensjon Kapitalforvaltning Regulering

DNB sender nettbanken i skyen med Amazon Web Services

For tre år siden sendte DNB mobilbanken ut i skyen. Nå har banken inngått strategisk samarbeid med Amazon Web Services.



Sånn gikk SpareBank 1 fra monolitt til sky i tre trinn

SpareBank 1 Utvikling har nå mer enn 1.000 skyapplikasjoner i produksjon. – Det tok tid å bygge forståelse for hvorfor dette var nødvendig, skriver Sonam Bhandari.



Teamet som jobber med skyplattformer hos SpareBank 1 Utvikling. © SpareBank 1 Utvikling

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Sopra Steria hjelper Norsk Tipping opp i skyen

14. november 2023 | 3 minutter å lese



Etter flere år med utprøving av skyteknologi, skal Norsk Tipping trappe opp migrering av sitt utviklings- og produksjonsmiljø fra bakke til sky. Målet er å øke innovasjonskraften og levere enda bedre spillopplevelser til millioner nordmenn.



Tibber Powers Cheaper, Greener Electricity with AWS

2021



We looked at which cloud provider we could grow and scale with from a technical point of view and which one would give us the biggest benefit from a business perspective. It was AWS."

Edgeir Vårdal Aksnes
CEO and co-founder, Tibber

Easee satser på AWS, åpner Oslo-kontor og trenger 150 nye folk

- Vi skal bli et av Europas største greentech-selskaper innen tre til fem år.



digi.no

Annonserinnhold fra DNB

Bygger verdensledende bankprodukter i skyen



I DNB er vi mange som er involvert i arbeidet både med å flytte det vi allerede har, og å utvikle nytt i skyen, på tvers av bankens produkter og tjenester. Slig B. Fiksdal

< Del

DNBs sky-univers – modernisering, effektivisering og nyutvikling



AWS and Infor Better Together

Infor Highlights

- All Infor CloudSuite SaaS built on AWS
- 15,000+ Infor cloud customers
- 10 AWS Regions, 17 CloudSuites, 1 Cloud Provider



AWS Competencies

- Manufacturing and Industrial Software Competency
- Healthcare ISV Competency
- Government ISV Competency
- Retail ISV Competency
- Travel and Hospitality ISV Competency

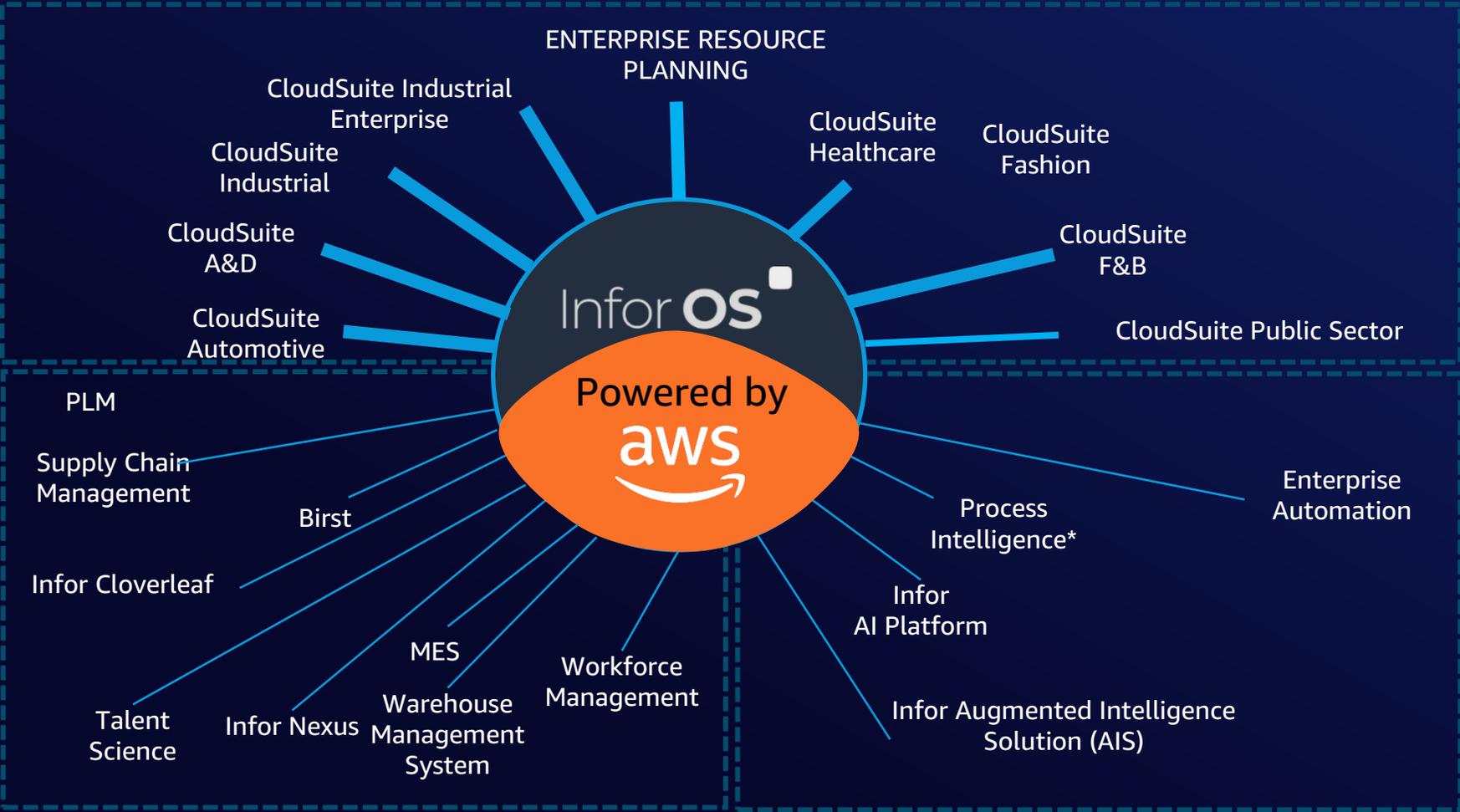
AWS Partner Programs

- AWS Marketplace Seller
- AWS Public Sector Partner



Infor's innovation platform of choice

Infor has been AWS' customer and Partner since 2014, ALL Cloud offerings on AWS today:



Unlocking the future with Infor and AWS

Industry transformation in the cloud

With Infor and AWS, deliver unparalleled innovation and agility for businesses

Unmatched reliability

99.7% uptime in AWS cloud

Elevated application development

Build Infor applications on AWS cloud at scale with exceptional productivity

Trusted by over 15,000 customers globally

Industry-specific innovative solutions

- Infor CloudSuite solutions are deployed in 10 AWS regions and 27 availability zones
- Faster access to new features, delivered automatically to the cloud-based products with no lengthy upgrades, patches, or downtime needed.

High scalability and performance

- With AWS as the foundation, Infor's solutions are now more scalable, flexible, and agile than ever before.
- Scale your operations seamlessly to meet growing demands and leverage new technologies to drive business growth and success.

Enterprise grade security and compliance

- Robust security, encryption and data protection measures to safeguard sensitive information
- Infor uses 123 services out of 200+ AWS services that store customer data and offer the ability to encrypt that data

State of the art AI innovation & investments

- Automate routine tasks, improve processes, and enhance the speed of your operations
- Deploy and scale Infor latest GEN AI solutions to meet evolving business needs by leverage AWS's scalable cloud infrastructure



AWS and Infor Better Together



Constant Innovation



AI powered automation and contextual analytics to rapidly operationalize value-driven use cases

Faster Time to Value



Prescriptive delivery approach with robust business processes, configurations, content and tooling

Greater Agility



Prepackaged industry workflows, content, integration and analytics

Security & Compliance



World class Security for privacy, integrity and availability of business data to meet compliance requirements with confidence

Business Continuity



Fault tolerant solutions that self recover from unexpected hardware failures

Improved Decision Making



Integrated, roll based data delivers greater insights on consumer behavior and forecasts of future trends

Breadth and Depth of Services: 200+ fully featured AWS services



Analytics

Analytics
Data Exchange
Data Lake
Data Pipelines
Data Warehouse
Elasticsearch

Streaming
ETL
Hadoop / Spark
Interactive SQL Queries
Visualizations



Business Applications

Contact Center
Sharing & Collaboration
Online Meetings & Chat
Voice-Enabled Workplace

Unified Communications
Mobile & Web Apps Without
Programming



Blockchain

Blockchain Templates
Ledger Database

Managed Blockchain



Security, Identity, and Compliance

Access Control
Assessment & Reporting
Configuration Compliance
Data Protection
DDOS Protection
Identity Management

Key Management & Storage
Monitoring & Logging
Resource Management
Threat Detection
Web Application Firewall



Storage

Archive Storage
Backup & Restore
Block Storage
Data Transfer
Edge Processing & Computing
File Storage

High-Performance File System
Hybrid Cloud Storage
Object Storage
Unified Communications
Windows File System



Database

Aurora, a high-performance,
relational database Built
for the Cloud

Document Database
Graph Database
In-Memory Caching
Key-Value Store Database
Ledger Database
Time Series Database

Managed SQL Server
Managed MariaDB
Managed MySQL
Managed Oracle
Managed PostgreSQL



Development Tools

Analyze and Debug
Application Lifecycle
Management
Authoring
Build & Test
Containers

DevOps Resource
Management
One-Click App Development
Patching
Pipeline Orchestration
Resource Templates
Triggers



Compute

Compute
Auto-Scaling
Batch Jobs
Event-Driven Serverless
Computing
Instance Types
Managed Virtual Private Servers
Managed Repository for Serverless
Apps

Run & Manage Web Apps
Serverless Compute
Virtual Servers
Containers
Container Service
Managed Kubernetes
Store & Retrieve Docker Images



Media Services

Live Video Transport
Media Storage
Transcoding
Video Origination & Packaging

Video Personalization &
Monetization
Video Processing & Delivery
Video Streaming Analysis



Hybrid Architecture

AWS Services on Premises
Data Integration
Integrated Devices & Edge
Systems
Integrated Identity & Access

Integrated Networking
Integrated Resource &
Deployment Management
VMWare Cloud on AWS
Integrated SG



Internet of Things (IoT)

Rules Engine
Device Analytics
Device Gateway
Device SDK
Device Shadows
Event Detection & Response
Local Compute

Local Data Collection
Management & Security
Microcontroller Operating
System
Registry
Visual Applications
Development



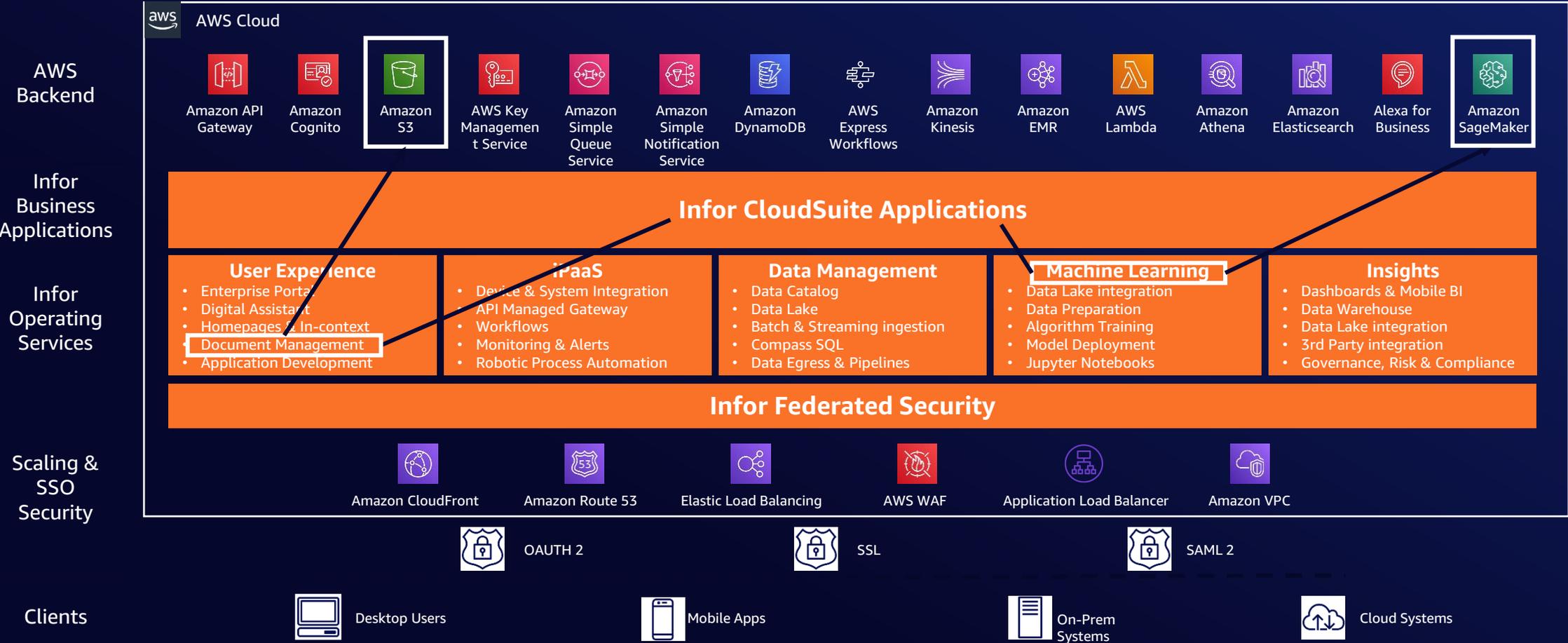
Machine Learning (ML)

ML Frameworks
Deep Learning AMIs &
Containers
Hardware Acceleration
ML at the Edge
TensorFlow, PyTorch, MXNet
Sagemaker
Automatic Model Tuning
Data Labeling
Hosted Notebooks
ML Marketplace
Model Hosting
Model Optimization
Model Training
Pre-Built Algorithms
Topic Modeling
Deep Learning Models
Reinforcement Learning
Spot Instances
Batch Predictions
Real-Time Predictions

AI Services
Chatbots
Entity Extraction
Face Analytics
Face Search Forecasting
Image Labeling
Natural Language Processing
Personalization &
Recommendation
Sentiment Analysis
Speech Translation
Text & Data Extraction
Text to Speech Translation
Video & Image Analysis
Content Moderation

How do Infor customers benefit from AWS services

* List of AWS and Infor OS services is not all inclusive



Joint AWS and Infor Customers





Generative AI and ML

The tipping point for **Generative AI**

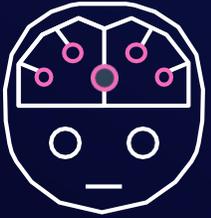


MASSIVE PROLIFERATION
OF DATA

AVAILABILITY OF
SCALABLE COMPUTE
CAPACITY

MACHINE LEARNING
INNOVATION

Generative AI is an evolution of existing technology



Artificial intelligence (AI)

Any technique that allows computers to mimic human intelligence using logic, if-then statements, and machine learning



Machine learning (ML)

A subset of AI that uses machines to search for patterns in data to build logic models automatically



Deep learning (DL)

A subset of ML composed of deeply multi-layered neural networks that perform tasks like speech and image recognition



Generative AI

Powered by large models that are pretrained on vast corpora of data and commonly referred to as foundation models (FMs)



93%

of industrial companies believe AI will be a game changer in driving growth and innovation in the sector*

*According to Deloitte [study](#)

Use cases

Enhance Customer Experiences

CHATBOTS

VIRTUAL ASSISTANTS

CONVERSATION ANALYTICS

PERSONALIZATION

Boost employee productivity & creativity

CONVERSATIONAL SEARCH

SUMMARIZATION

CONTENT CREATION

CODE GENERATION

DATA TO INSIGHTS

Optimize business processes

DOCUMENT PROCESSING

DATA AUGMENTATION

CYBERSECURITY

PROCESS OPTIMIZATION

Generative AI in automotive and manufacturing

COMMON USE CASES



Knowledge management

- Personalized training
- Requirement specific upskilling
- Virtual coaching (i.e., design, maintenance)



Customer experience

- Customer service and agent assistance
- Personalized media experience delivered via apps and in-vehicle



Design generation

- 3D/2D product images and parts
- Code generation to reduce time to market
- Design re-use search
- Design for X
- Synthetic data for product and process testing



Text generation and summarization

Contracts, SOPs, product, operating, support documentation



Conversational use cases

Search manuals, work instructions, technical documentation



Research generation

Engineering and design specifications, supply chain optimization, process optimization

Unlocking the potential of generative AI



Easiest way to build

with Foundation Models



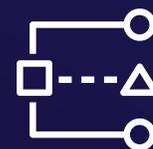
The most performant

infrastructure for generative AI



Generative AI-powered

applications on AWS



Flexibility to build

your own Foundation Models

Generative AI Stack



APPLICATIONS THAT LEVERAGE LLMs AND OTHER FMs

TOOLS TO BUILD WITH LLMs AND OTHER FMs

INFRASTRUCTURE FOR FM TRAINING AND INFERENCE

Generative AI Stack

APPLICATIONS THAT LEVERAGE LLMs AND OTHER FMs



TOOLS TO BUILD WITH LLMs AND OTHER FMs



INFRASTRUCTURE FOR FM TRAINING AND INFERENCE



Infor GenAI, powered by Amazon Bedrock



Reimagine efficiency

Infuse everyday tasks with generative AI right inside your Infor CloudSuite



Elevate employee work

Free your employees from tedious tasks, giving them more time for higher value activities



Innovate with ease

Tap into the latest generative AI innovation, pre-built to address the specific needs of your industry

Unleash productivity with Infor GenAI

Use cases embedded into Infor CloudSuites

Replace Item Description

Original Text: Plasterboard 15mm 2400 X 1200 TP

No lot control

UOM = single units

Simple ROP planning with ROP qty and order qty

Auto pack example (10 in carton) set in MMS053

Pick face replenishment example set in MMS065

(manual)

Revised Text: Plasterboard 15mm 2400 X 1200 TP

Blank language

Regenerate

Knauf Plasterboard Tapered Edge, a high-quality building material that is perfect for creating walls and ceilings. With its generous size of 2400 x 1200 x 15mm, this plasterboard offers ample coverage for construction projects. The tapered edges make installation a breeze, ensuring a professional finish. Building Materials NL, you can trust in the durability and reliability of this product. Whether you're a DIY enthusiast, this plasterboard is a must-have for achieving a flawless and polished look in any

Ask AI

GenAI

Project executive summary

Budget Overrun

Evaluate Project Performance based...

Activities with delayed closure

Activities with delayed start



Production Performance of Assembly 1

Show me...

Best & Worst Performing Crews

Best & Worst Performing Order

Best & Worst Materials

Best & Worst Materials...

Based on the data provided, here are the materials that performed the worst and the best in each category.

- Availability (Av%) Worst Performance: Material SYS000NPSUS-5
- Availability (Av%) Best Performance: Multiple materials achieved 100.00% availability, so the best performing materials are: Material SYS000NPSUS-6
- Performance Efficiency (PE%) Worst Performance: Material SYS000NPSUS-6
- Performance Efficiency (PE%) Best Performance: Material SYS000NPSUS-5
- Overall Equipment Effectiveness (OEE%) Worst Performance: Material SYS000NPSUS-6
- Overall Equipment Effectiveness (OEE%) Best Performance: Material SYS000NPSUS-5

The operator should be informed that Material SYS000NPSUS-6 needs attention as it has the lowest PE% and OEE%, most indicating exceptional performance when the line is running.



Automate tasks

Generate item descriptions with a single click, translated into any language to scale operational efficiency

Evaluate projects

Get instant answers to project performance and budget overruns for the best course of action

Summarize insights

Access summaries of production performance, seeing best / worst performing lines, orders, & materials

Generative AI in the flow of your work, across every industry

Infor Augmented Intelligence Subscription



Who the solution is for
Manufacturing Operations
Leadership & IT Leadership



What challenges does it solve?
Inaccurate forecasts, quality defects & inventory
challenges



What are some common use cases?
Operational Intelligence, Forecast
Intelligence, Inventory Intelligence



What makes your solution unique?
Everything you need to tackle enterprise
AI is included: People, Process &
Technology

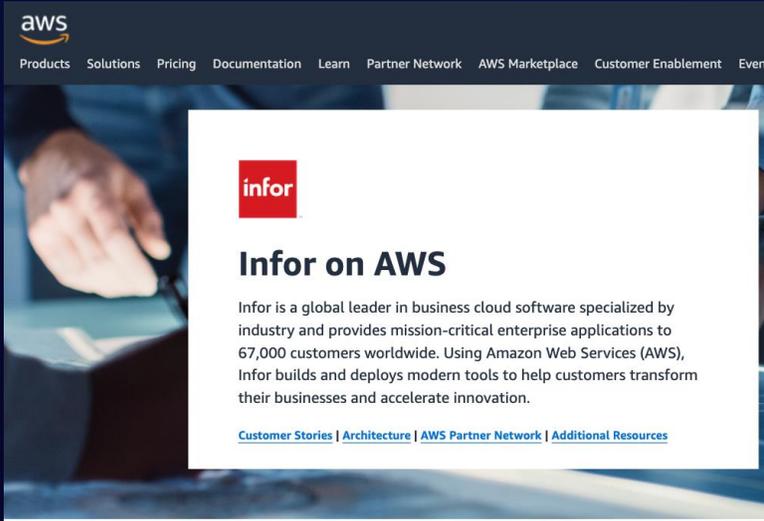


What are some typical customer outcomes?
Improved efficiency, reduced costs, increased margin &
happier customers

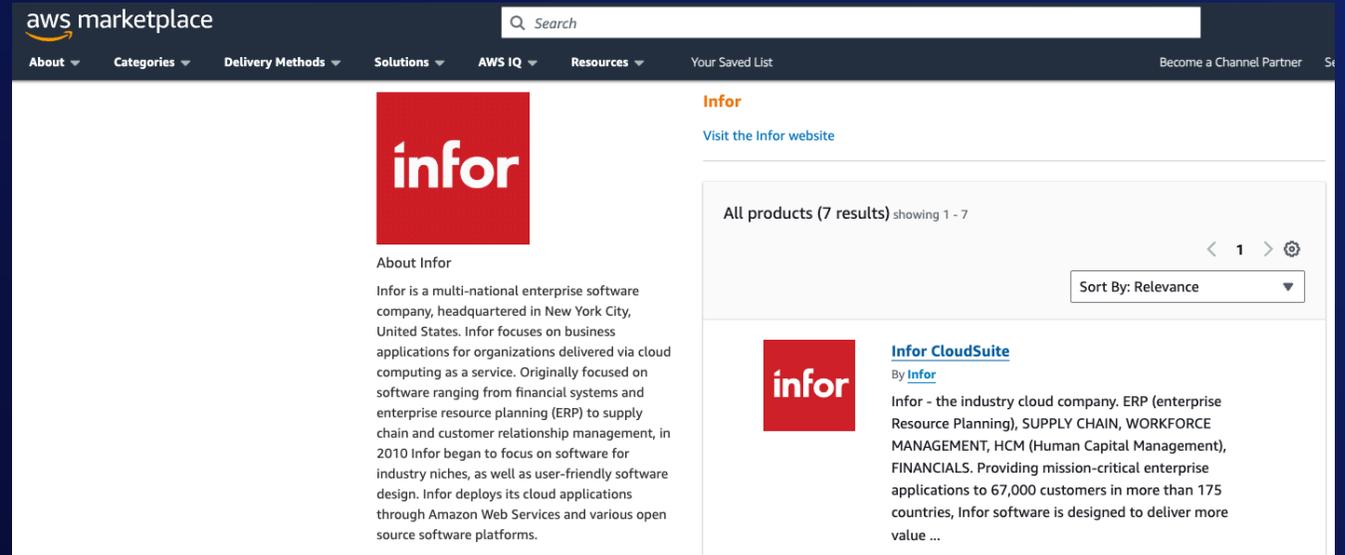


Who is using your solution?
Manufacturers of all sizes around the world

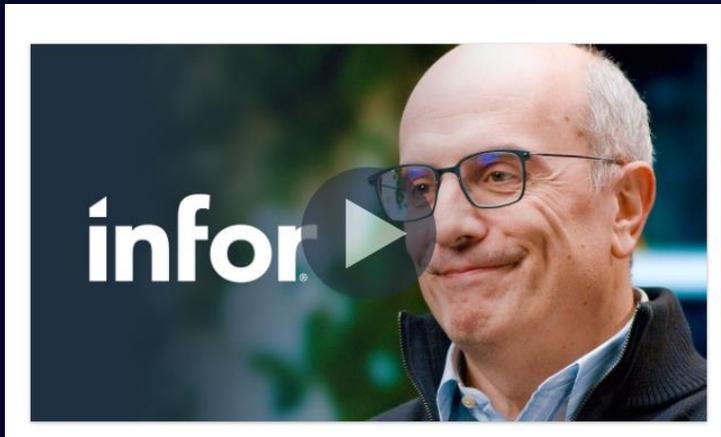
Additional Resources



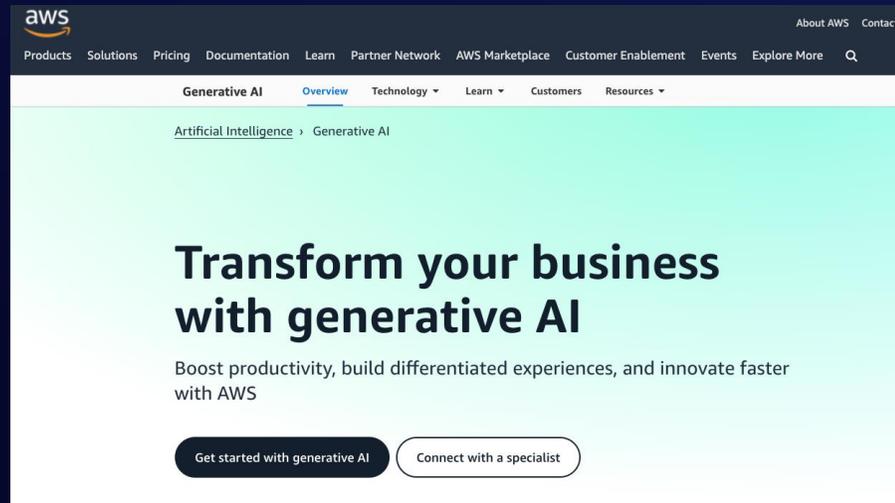
[Infor Innovators](#) page



[Infor's offerings](#) on AWS marketplace



[Infor's Generative AI Journey](#) with AWS



[AWS Generative AI](#) page





Thank you!

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