

AutoDeploy



# SUCCESS STORY

## PACIFIC STEEL & RECYCLING

### THE CHALLENGE

Pacific Steel & Recycling needed to upgrade their ERP software, Oracle JD Edwards EnterpriseOne. The traditional model of provisioning new resources for an upgrade is time consuming, ineffective from a cost perspective, and has long lead times getting the latest EnterpriseOne software available for dev/test.

Pacific required a solution that removed the constraints of their on-premises data center and assist in facilitating an agile, innovative, and cost-effective infrastructure and software systems topology. Pacific's CIO Kenneth Hess had three key initiatives for the upgrade lifecycle: agility, innovation, and cost-effective solutions.

### THE SOLUTION

Pacific Steel & Recycling utilized AutoDeploy's 3 click AllInOne AMI to begin rapid dev / test cycles for software upgrades. Resources that are traditionally provisioned in months, in an on-premises data center, were provisioned in minutes. Pacific utilizes AWS infrastructure to become agile in their ERP software upgrade cycle. With AutoDeploy's AllInOne AMI on the AWS Marketplace, Pacific was able to baseline their code in record time, retrofit modifications that are key business differentiators, and retire technical debt for both hardware and software.

### THE RESULTS

The ERP upgrade was delivered in a compressed timeframe delivering immediate value to Pacific Steel and Recycling's business. By enabling EnterpriseOne as a platform utilizing AWS services, Pacific has been able to use AWS as a builder's platform for innovative initiatives driving new business outcomes. Pacific has been able to save on their cost and operations running in AWS, while retiring their on-premises data center, and moving additional workloads to AWS.

“ In working with AutoDeploy and AWS, for the first time in my career as an executive in the technology space, I am confident that we are on pace with the accelerating technology curve ”

**Kenneth Hess, CIO**  
**PACIFIC STEEL & RECYCLING**

### EXAMPLE SERVICES OF PACIFIC STEEL & RECYCLING'S AMAZON WEB SERVICES TECHNOLOGY PORTFOLIO:

- Amazon Elastic Compute Cloud
- Amazon Virtual Private Cloud
- Elastic Load Balancing
- Amazon Relational Database Service
- Amazon EC2 Container Registry (ECR)
- AmazonCloudWatch
- AWS CloudTrail
- AWS Key Management Service
- AWS Direct Connect
- Amazon WorkSpaces

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## INITIATIVE OUTCOMES

### AGILITY

- Upgrade of EnterpriseOne was able to happen in a rapid and compressed timeframe while eliminating infrastructure constraints.
- Workspaces were deployed to the entire organization to access critical business systems when COVID 19 forced shutdowns.
- Pacific is able to have a disaster recovery ("DR") model that is right sized, real time synchronized, low cost, and easy to manage. Failover tests are run regularly to ensure disaster recovery compliance.

### INNOVATION

- AWS enables an unapparelled infrastructure operating model that allows for rapid dev / test cycles—using tear up and tear down compute resource allocation.
- Instead of focusing on managing technical debt, Pacific is able to focus on delivering new value added outcomes. Whether that be through infrastructure, code, containers, or EnterpriseOne, solutions can be built and tested at a cadence that keeps up with the pace of change in the markets Pacific serves.
- Utilizing AutoDeploys' AllInOne AMI on the AWS Marketplace Pacific Steel & Recycling was able to increase their development velocity, reduce their time to retrofit, retire technical debt, and focus on adopting new delivered functionality from Oracle, and development outside of the EnterpriseOne toolset for rapid integration development.

### COST EFFECTIVENESS

- Pacific was able to stop spending time and money managing aging infrastructure to support legacy systems.
- Pacific was able to eliminate their spending on their on-premises datacenter by shutting it down, moving their workloads to AWS.
- Pacific has full transparency on cost for the services that they are using in AWS. This cost transparency allows Pacific to budget for projects that are key value drivers for the business.

“ With technology like AWS, it didn't make sense to try to maintain on premise hardware any longer. AutoDeploy has been a trusted partner helping us migrate our EnterpriseOne workloads to AWS. Working with AutoDeploy and utilizing AWS has been a key driver for our IT organization. AutoDeploy and AWS both embrace a customer first mentality that aligns to Pacific's customer centered mission.”

**Kenneth Hess, CIO**  
**PACIFIC STEEL & RECYCLING**

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#### ABOUT

### PACIFIC STEEL & RECYCLING

Pacific Steel & Recycling, Inc. engages in recycling and production of steel products. Founded in 1897, Pacific is headquartered in Great Falls, Montana. With 46 branch offices in Washington, Nevada, Idaho, Utah, Wyoming, South Dakota, North Dakota, Colorado, Montana and Alberta, Canada. With a strong foundation centered around its' customers, Pacific Steel & Recycling is an industry leader in the steel recycling and manufacturing space.

#### ABOUT

### AMAZON WEB SERVICES

In 2006, Amazon Web Services (AWS) began offering IT infrastructure services to businesses in the form of web services -- now commonly known as cloud computing. One of the key benefits of cloud computing is the opportunity to replace up-front capital infrastructure expenses with low variable costs that scale with your business. With the Cloud, businesses no longer need to plan for and procure servers and other IT infrastructure weeks or months in advance. Instead, they can instantly spin up hundreds or thousands of servers in minutes and deliver results faster.

Today, Amazon Web Services provides a highly reliable, scalable, low-cost infrastructure platform in the cloud that powers hundreds of thousands of businesses in 190 countries around the world. With data center locations in the U.S., Europe, Brazil, Singapore, Japan, and Australia, customers across all industries are taking advantage of the following benefits:

#### ABOUT

### AutoDeploy

AutoDeploy was founded in 2014 with a mission to help Oracle JD Edwards EnterpriseOne customers get more value out of the box. The company's founders, Jeb Benbow and Mark Dalton have a long and deep history of successful implementation and support work with AWS and Oracle technologies. With all new technology, customers face an increased challenge adopting new high value solutions. AutoDeploy brings modern development concepts to your critical back-office operations. AutoDeploy enables rapid development, deployment, and cloud migration services. We believe cloud native thinking has a place with your critical operational infrastructure and software. Understanding the challenges customers encounter working to keep up with the global pace and scale of business change, the idea for AutoDeploy was born and continues to grow. AutoDeploy enables your business to stay in front of the accelerating technology curve.