



Waters Empower Cloud

Overview

# What and Why Cloud Computing

**WHAT:** Cloud computing leverages the internet to procure technology

- Infrastructure
- Applications
- Platforms
- Business Processes

**WHY:** Business models have changed

- Increased need to support multi-company relationships
  - Outsourcing to CRO's and CMO's
- Global and expanding Enterprise deployments – integrated geographies
  - Speed and agility to grow your business
- Laboratory dependent businesses wanting Enterprise computing, but have **limited** IT infrastructure

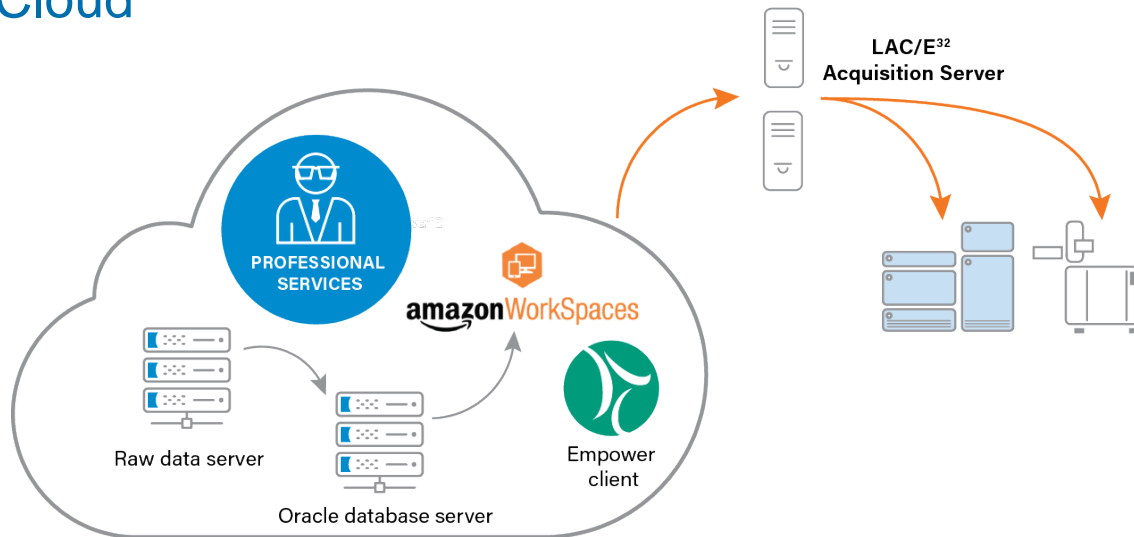
Cloud is a priority to reduce barriers

- Replace up-front capital costs with low variable costs
- Low-cost solution for scaling IT capacity
- Simplify the financial and technology landscape
- Opportunity to capture and grow new revenue and drive operational efficiency

## Empower 3 FR4 – First Cloud Deployment

- Empower 3 FR4 updates Empower 3 to Oracle 12 for the database and provides support for Windows 10
  - Both changes allow customers to utilize Cloud infrastructure more effectively
- Every future version release of Empower beyond Empower 3 FR4 will be supported in Cloud with the appropriate changes and updates
  - Per Waters Quality Management System

# Empower Cloud



Empower Cloud combines the world's market leading CDS, Empower, with Amazon Web Services (AWS), the world's most secure cloud services platform. This combination offers computing power, database storage, content deliver, and other functionality to help you scale and adjust to business requirements.

Empower Cloud for Infrastructure as a Service (IaaS) leverages the internet to procure technology, drive operational efficiency, and provides a low-cost solution for scaling IT capacity by replacing up-front capital costs with low variable costs to replace on premise installations.



## Minimize Variation and Risk

- Waters designs, evaluates and provides templates under Waters Quality Management Systems (QMS)
- Waters Professional Services assist customers to design, build and validate appropriate Amazon infrastructure
- Automated deployment tools replicate Waters templates onto the cloud infrastructure

# Empower Cloud Deployment – AWS Marketplace

The screenshot shows the AWS Marketplace product page for 'Empower 3 Feature Release 4 into existing VPC'. The page includes a search bar at the top with 'AMI & SaaS' selected. The product title is 'Empower 3 Feature Release 4 into existing VPC' on 'Windows Server 2012 R2 2017', sold by 'Waters Corporation'. A 'Continue' button is visible with a note: 'You will have an opportunity to review your order before launching or being charged.' The 'Pricing Information' section explains that users can use dropdown selectors to see software pricing for the chosen AWS region and estimated infrastructure pricing for the chosen CloudFormation template. The 'For Region' dropdown is set to 'US East (N. Virginia)'. The 'Delivery Methods' dropdown is set to 'Empower 3 FR4 into existing VPC'. A 'Bring Your Own License (BYOL)' banner indicates availability for customers with current licenses purchased via other channels. The 'Pricing Details' section states that software pricing is based on chosen options like subscription term and AWS region. The 'Software Pricing' section is partially visible at the bottom.

|                       |   |
|-----------------------|---|
| Customer Rating       | ***** (0 Customer Reviews)  |
| Latest Version        | 1.1   |
| Operating System      | Windows, Windows Server 2012 R2 2017  |
| Delivery Methods      | Empower 3 FR4 into existing VPC<br>CloudFormation Template (View)<br>Launches two EC2 instances |
| Support               | See details below   |
| AWS Services Required | Amazon EC2, Amazon EBS  |
| Highlights            | Easy to Install<br>Enterprise Deployment  |

**Product Details**  
Version: 1.1  
Available on AWS Marketplace Since: 08/18/2017  
Note: Always ensure your operating system is current for your needs.

**What's Included**  
This product includes both of the software packages described below:

- Empower 3 Feature Release 4 into existing VPC  
Sold by: Waters Corporation  
Empower3 FR4 Proof-of-concept submission
- Microsoft Windows Server 2012 R2  
Sold by: Amazon Web Services

- AWS Marketplace allows customers to easily deploy Empower within your own VPC
- Customers have full access to the initial Cloud release and all future versions to support their business requirements
- Customers can select the AWS Global Region and delivery method for deployment
- Waters Cloud Formation Templates provide seamless deployment into companies Global IT Infrastructure and security models

## Summary | Key Points

- Empower Cloud, ready for rapid global deployment
- Same compliance-ready Empower software
- Shared responsibility between Customer, Waters and Amazon Web Services
  - Customer remains in control of their deployment and data
- Waters Global Professional Services and Support



# Waters

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