

## Scalable DVR platform

A leading DVR provider was looking to enhance their platform to perform real time event processing to improve prediction accuracy. They also wanted the platform to be compatible with new age devices and scalable to user needs.



## Client background

- **Client name or descriptor:** Leader in streaming content space
- **Industry:** Streaming Content
- **Products or Services:** DVR
- **Geography or Areas of operations:** Americas, Europe
- **Number of customers:** > 1 Million

## Solution

Wipro proposed a POD model for this problem. The team working on the solution was cross-functional and had the right mix of niche skills. The team adopted a Docker and Cloud based microservices cluster to make services scalable and feature extensible. The architecture was enhanced to enable independent deployment, scaling, and upgrade of each feature based on microservices.

## Challenge

The customer wanted to improve the accuracy of their prediction algorithms by near real time data processing. The data is generated from millions of set-top boxes, mobile devices and web portals. The application had grown too large over time and was unmanageable and difficult to scale.

## Business impact

Zero downtime, continuous upgrades, and integration

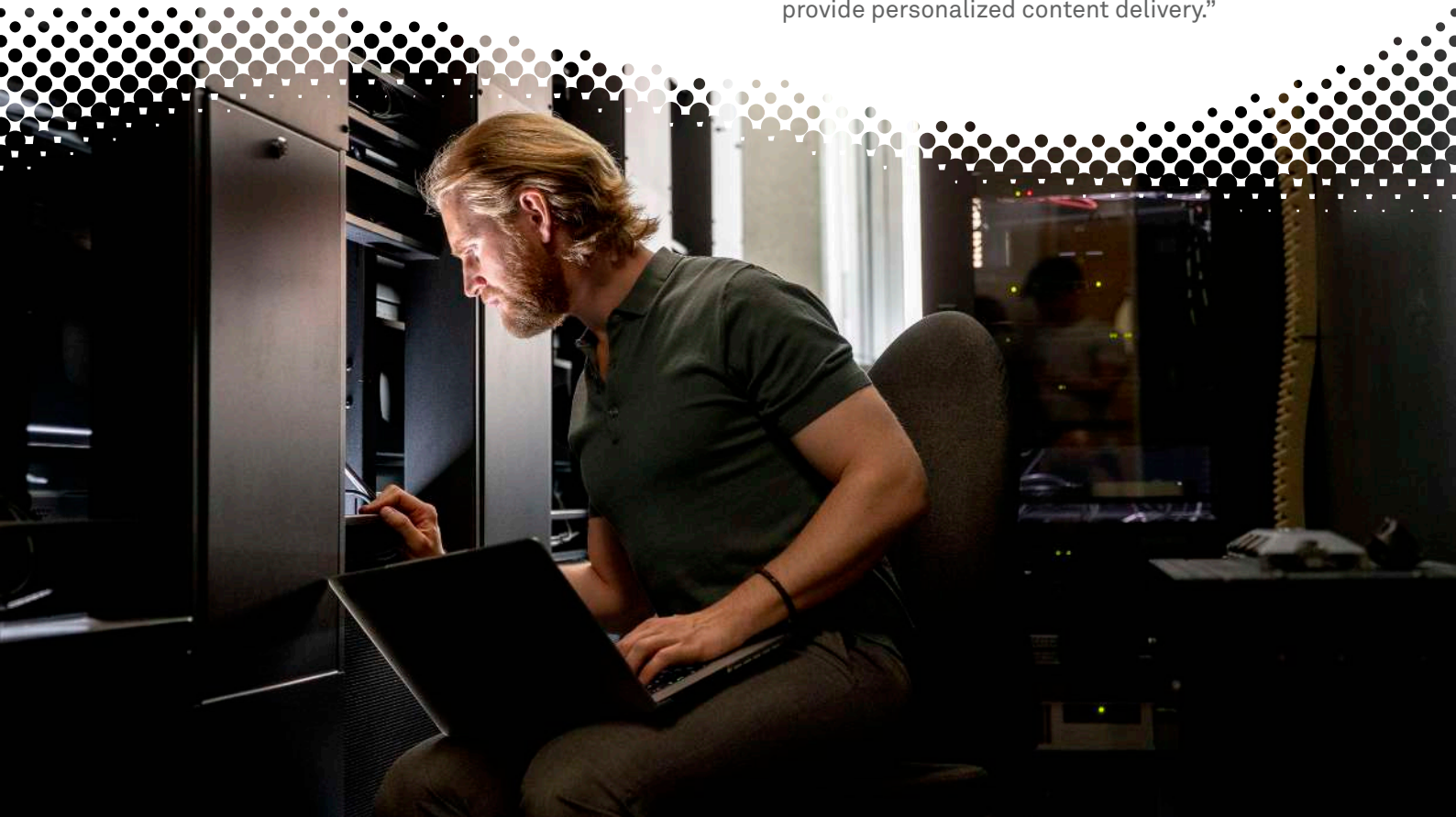
Automated Cluster & App management

Stream based events processing

### Pankaj Mittal

*General Manager and Practice Head  
Product POD, I&ES*

said, "We helped the customer transform their monolithic and complicated system to a cloud-native, modular, and scalable system using the latest open-source stream processing and microservices technologies. Release cycle times reduced from four weeks to one week with the ability to handle more than a million setup boxes, mobile devices, and web portals to provide personalized content delivery."





**Wipro Limited**

Doddakannelli,  
Sarjapur Road,  
Bangalore-560 035,  
India  
Tel: +91 (80) 2844 0011  
Fax: +91 (80) 2844 0256  
**wipro.com**

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For more information,  
please write to us at **info@wipro.com**