# Major League Baseball – Edge Implementation

**H**ybrid cloud deployments dominated the Enterprise IT landscape both domestically and globally in 2020. The contributing factors for the growth of hybrid clouds are many including: multi-access edge compute **(MEC)**, costs associated with public cloud migrations and operations, regulatory and compliance requirements, and **application specific demands for bare metal access (ai, edge, low-latency, 5g, etc.).** This whitepaper will cover a new way for enterprises to build and operate bare metal environments with stunningly simplicity. It will also review a production use case of the new approach as implemented by a major league sports organization.

**Bare Metal Fuels Hybrid Growth**
One of the big reasons for hybrid's growth is the massive infrastructure build-out associated with Multi-Access Edge Compute (MEC). MEC deployments are positioned as close to the end-customer as possible to enable new services or enhance existing offerings. The applications running the services for ever-connected social networks, smart cities, autonomous vehicles, VR & home entertainment, etc. are there to elevate end-user experiences. It takes massive compute, GPU acceleration and extremely low latency to deliver those experiences reliably. Bare metal provides significant advantages for hosting those applications including: Direct access to hardware, predictable and consistent performance, and CPU offloading to GPU's, to name a few.
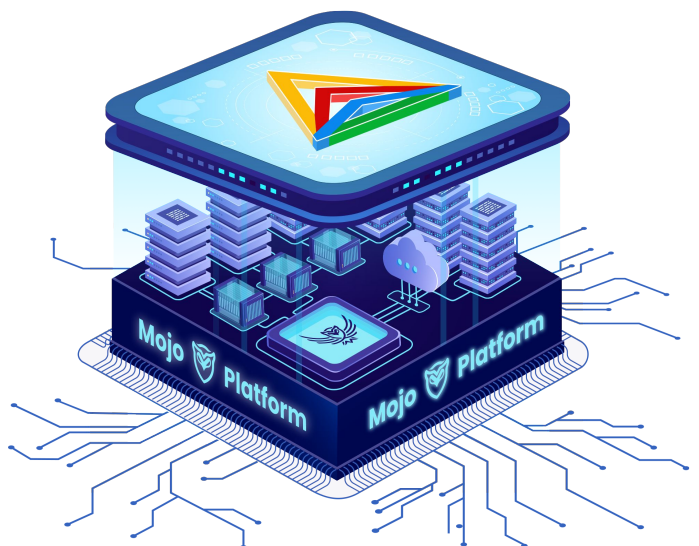
**Obstacles to Consider**
Despite these advantages, there are also major hurdles that bare metal adopters currently face. A lack of standardized API's can lead to deploying proprietary tools that lock in customers to a single hardware vendor. Additionally, the complexity of developing and deploying dedicated images onto bare metal servers at scale, and maintaining them, is  error-prone, and expensive.

## **I**ntroducing **Mojo Platform**

**Mojo Platform** is an award winning Infrastructure and Operations tool that makes working with bare metal servers much easier than ever before. Leveraging OPEN standards like Redfish, OCP, Swordfish and others, Mojo can provision and automate a broad range of devices from IoT sensors to servers and storage. Mojo Platform takes full advantage of the Redfish specification and delivers many first-in-class BMaaS features with a UX that is focused on **SIMPLICITY.**

Enterprise ready features such as Discovery, Configuration, Provisioning, Maintenance, and Cataloging of bare metal assets are included with Mojo Platform.  RBAC,  monitoring , and alerts are also standard features  that are controlled via Mojo's intuitive console.  The engineering team at Metify created Mojo Platform with the singular goal of making bare metal easier to work with. Let's review how **Arctiq** leveraged Mojo Platform in for Major League Baseball's "Ballparks Rollout".
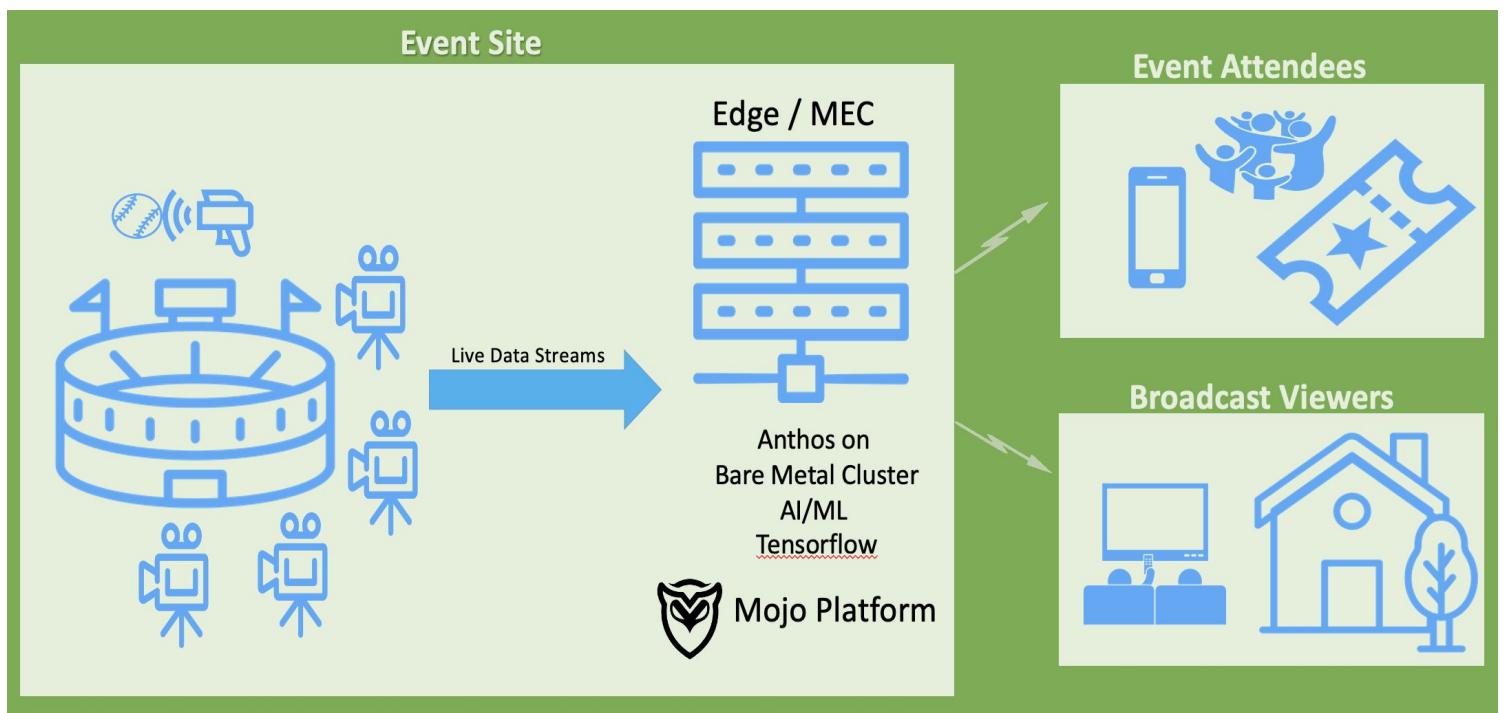


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## Use Case - MLB® Ballparks Rollout

MLB needed to rollout 150 bare metal servers as Anthos clusters to all of their Ballparks in North America. With push-button Anthos deployments launched through Mojo Platform's intuitive UI MLB was able to "cut their deployments times in half".

Mojo automated the new deployments and removed unnecessary virtualization leading to greatly enhanced application performance and reliability.

## Key Benefits

- Anthos Cluster - Bare Metal Speed
- Mojo Platform - Bare Metal Provisioning Simplified
- Bring Your Own Server (BYOS)
- Ease of deployment and speed that mirrors a public cloud experience
- Removal of legacy VM LICENSES
- Edge ready architecture
- Bare Metal Service Catalog - Easily repeatable deployment experience
- Massive time & hard dollar savings



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## About Metify

Metify was founded with the singular goal of making bare metal servers easier to work with. **Mojo Platform** is an award winning Bare Metal as a Service (BMaaS) tool developed by Metify to SIMPLIFY server provisioning and automation.
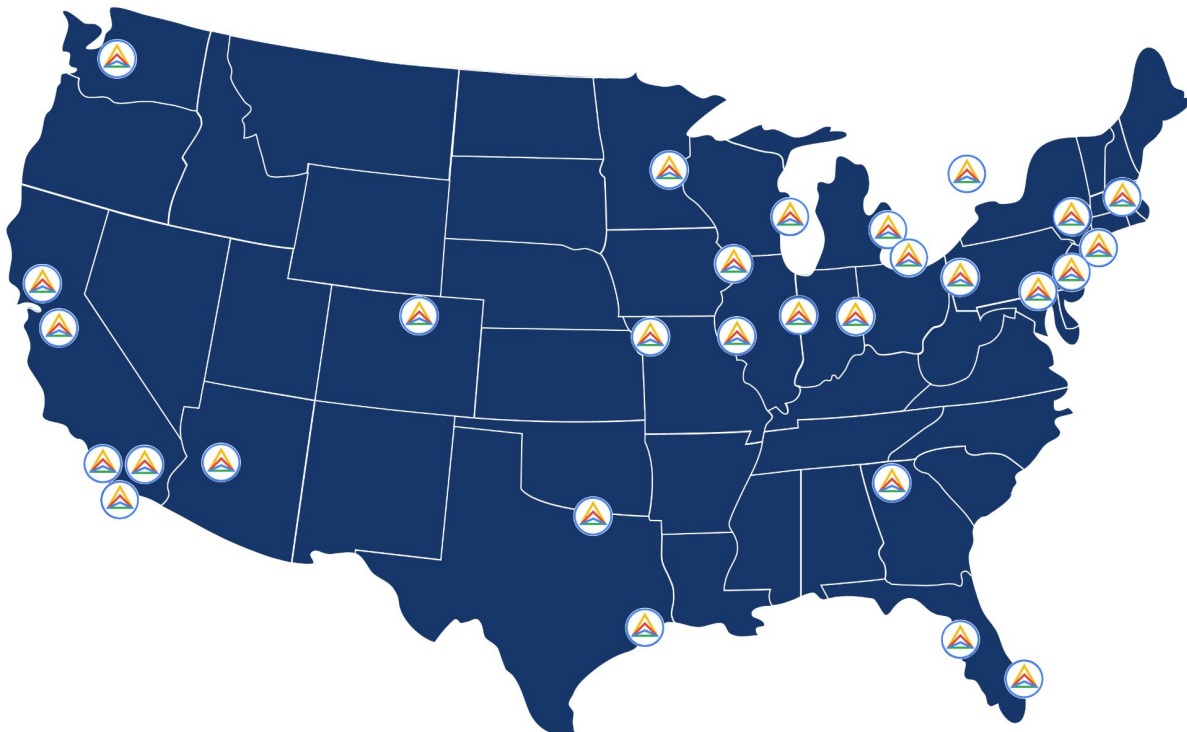
Got bare metal? No worries. We speak chip.

[www.metify.io](www.metify.io) | [info@metify.io](mailto:info@metify.io)

## About Arctiq

We turn tech teams into rockstars. Arctiq is a solutions agency specializing in open source, hybrid multi-cloud, and container technology. We work with organizations that are excited to see the outcomes of transformation.

[www.arctiq.ca](www.arctiq.ca) | [info@arctiq.ca](mailto:info@arctiq.ca)

Anthos & Mojo in Action at Stadiums Across North America



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