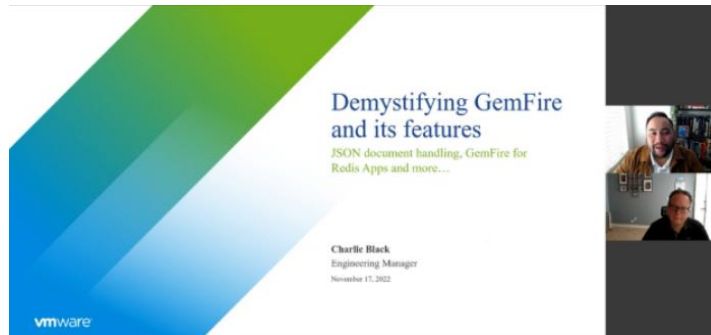# VMware Data Industry Series Talk #1: How to improve Manufacturing throughput & profitability?

VMware Data Solutions Industry Series Talk #1 - Improving manufacturing throughput using VMware Data Solutions This webinar recording would help you understand how VMware Data Solutions* can help extract the best out of your automated processes in manufacturing, both on-site and at the edge. Advances in manufacturing automation are nothing new, especially at scale.

However, since the early days of Covid many smaller scale manufacturers have invested in strategic automation tooling to improve their throughput and increase profitability. This is triggering a need to modernize their back office systems to enhance the customer experience. For low volume manufacturing, customers expect the same level of product updates at different order and build stages as they would when ordering a pizza online. Moving customer orders across different parts of the business via spreadsheets and import scripts to a database then polling the database in order to send build instructions to advanced AGVS & robotic processes constrains business efficiency and growth. We will discuss and demonstrate how VMware RabbitMQ* along with VMware GemFire* and VMware SQL* can be used in unison to provide a real-time event driven architecture. Additionally we will examine how this scales and can provide high availability resiliency.

Links

VMware Data Solutions: https://tanzu.vmware.com/data- solutions

VMware RabbitMQ: https://tanzu.vmware.com/rabbitmq

VMware GemFire: https://tanzu.vmware.com/gemfire

VMware SQL: https://tanzu.vmware.com/sql