## **Want to Thrive in the Digital Economy?**

## Accelerate

## **Trusted Distribution** of Innovation Everywhere



Software Distribution platform to deliver innovative applications, code and microservices from data centers, to edges, and onto embedded devices and "things".

Success in digital transformation requires a scalable and robust

# **The Digital Innovation Factory**

A New "Species" of Enterprise is Emerging:

**Evolve or die:** 

Digital-first enterprises deliver 

Krevenue growth and 

margin profit compared to other enterprises

## 65 % of global GDP will be digitalized by 2022

**Software and code drive the economy:** 

Enterprises must become prolific software producers,



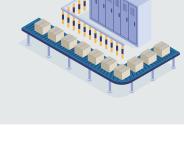
digital-native speed and scale. **Software Production Milestones:** 

## By 2024, there will be more than \_\_\_\_\_\_\_ million new modern apps/services

By 2025, of enterprises will deploy code to production daily or faster - meaning even more frequent deployments to lower environments and to

internal repositories throughout the software development lifecycle (SDLC).

Worldwide Datacenter 2020, # US44747919



Sources: IDC, The Future of Digital Innovation: Every Enterprise Must Become a High-Performance Software Producer, # US45720719; and IDC FutureScape:

### Software distribution is a critical part of your delivery process. Once applications are developed, software components - artifacts - need to be securely and reliably distributed to all internal and external stakeholders and consumption points:



## External/ecosystem repositories.

partners and customers.

Internal repositories.

continued development and testing.

Distribution to developers across

global sites and CI servers for

distribute components/artifacts to/from internal/external repositories (partners, customers, channels, developer ecosystems).

**Distribution speed impacts delivery speed.** Rapid development and deployment, infrastructure and edge explosion, and increased adoption of cloud-native and embedded apps slow down distribution due to network



utilization, security, and complex topologies' overhead.

Failure to address distribution bottlenecks is a major risk



**Extending Digital Reach to the Edge and Beyond** 

**Further Complicates Distribution** 

Enterprises need to run applications closer to the customers to deliver optimal

digital experiences. Enterprises' reach must span core datacenters and cloud/multi-cloud environments, as well as the exponentially growing numbers of local edges and embedded

will be deployed to the edge (outside of corporate

devices that are part of IoT efforts.

core datacenters) by 2023



of edge workloads new edge locations are created with container/ microservices to improve digital service resiliency





the Bottlenecks in Modern Application Delivery

with Trusted Distribution

**Meet Future Needs and Overcome** 

# **Essential Guidance for Organizations**



from cloud to edge

Look for solutions that provide flexible, fast, and secured distribution

cloud-native or embedded compounded assets

at the edge of the business.

throughout the lifecycle for complex/widely distributed apps/artifacts and

**mechanisms** across internal/external repositories and runtime environments

### **for Modern Digital Innovation Factories** The distribution of software artifacts through your SDLC process to your target endpoints is getting more and more complex, and considerably slower.

When your remote offices around the world can't get their hands on the most recent builds fast enough for continued testing, when your infrastructure nodes can't download BOMs of thousands of GBs of container images in order to start a deployment, or when your customers and developer ecosystem

release velocity suffer. Enterprises need a simple, scalable, fast, hybrid solution for securely distributing software artifacts globally — across internal repositories, external ecosystems, and to runtime and edge environments. Software innovation depends on it.

can't download your recent drivers, plugins or OSS in a reliable manner — developer productivity and



endorsement of JFrog's products or strategies. #US46977520

Learn more about accelerating your trusted software distribution

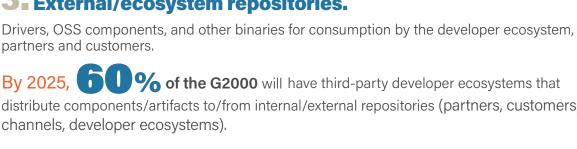
with the JFrog DevOps Platform.



creating and deploying digital products and services at

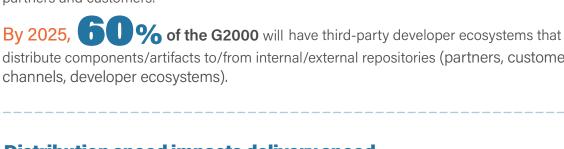
**Enterprises Need to Become Software Distribution Experts** 





Machines.

Runtime environments and





## **50%** of new infrastructure

**BO**%

## Software assets may now be more weighty – due to the adoption of cloud-native and embedded devices – and **clog the network** as they need to be distributed more frequently across vastly complex infrastructure footprints. Sources: IDC, Preparing for the Digital-First Economy: The Hyperscale, Hyperspeed, and Hyperconnected Enterprise, # DR2020\_GS2\_FG, March 2020 and IDC FutureScape: Worldwide Datacenter 2020 Predictions, # US44747919



Look for solutions that enable consistent and secure apps/software distribution everywhere – across expanding locations and usage models

**Software Distribution**