



# Create and deploy applications Faster and more securely.

**Genero® Container provides an efficient way to standardize your application environment from development to production.**

Leverage Docker® and Genero Container Images to containerize your applications. Deploy applications to Docker or the more advanced Kubernetes® (K8) environments quickly, efficiently, and reliably.

In today's world of Cloud computing, the virtualization of hardware has enabled applications developed for different operating systems to run on the same server saving money and energy. By abstracting applications from the server's hardware and operating environments, virtualization enables deployments to a single server irrespective of how they were developed. Virtualization is now being supplanted by a more efficient solution – Containerization.

Containerization tightly packages an application with only the essential operating system dependencies it needs into a 'lightweight' executable – called a container. Applications now run consistently on any infrastructure making for rapid, bug-free deployments. These more portable and resource-efficient containers increase the number of applications that can be deployed on the same server for even greater efficiency. That is why containers have become the de facto compute unit of modern cloud-native applications.



“Run your Genero application in any environment from your laptop or private data center to K8s on AWS, Azure or Google cloud. Four Js provides templates and scripting tools improving your application lifecycle management, integration with CI/CD, and time-to-market.”

**Yana Munzer** | Containerization R&D Leader at Four Js Development Tools



**Adaptability**  
+ Run in any container environment



**Scalability**  
+ Distributed workload and efficient routine



**Reliability**  
+ Rollout versions w/o impacting existing user connections

**Increase ROI by reducing time-to-market and amplifying developer effectiveness.**

Pre-built Genero Container images allow you to reduce application installation time, scale to meet unplanned customer demands, or start new containers.

**Build your applications on the strength of the Genero platform.**

Genero Containers also provides a reference architecture to run your applications. We provide detailed instructions, documentation, and references for runtime environments.

@Genero is a registered trademark of Four Js Development Tools

@Kubernetes is a registered trademark of the Linux Foundation

@Docker and the Docker logo are trademarks or registered trademarks of Docker, Inc. in the United States and/or other countries

