



Unclassified Development for Classified Missions

Build and test on the low side.
Deploy on the high side.



SHIFT: The only full-scale air-gapped emulation and testing platform

Commercial software does not perform as planned when run in restricted and classified cloud environments, where security must meet very strict standards. SHIFT is an emulation, testing and training platform that emulates high-side, air-gapped and restricted Cloud Service Provider (CSP) Regions. SHIFT not only displays the errors, it tells you how to fix your code – so your software is sure to execute correctly in any target region.



Reduce dependency on cleared resources

Cleared developers are very much in demand, so rates are high and they are difficult to find and hire. With SHIFT, your developers don't need a clearance: they can work in unclassified regions of the cloud.

Speed up deployment cycles


When software is deployed in a cloud region for classified workloads, it requires reconfiguration that can take weeks or even months. With SHIFT, you can avoid multiple cycles of rework.

Deploy with 100% confidence your code will work

Whether you're a systems integrator, government agency or software vendor, with SHIFT you can deploy into any specialized CSP Region with 100% confidence your application will work as planned.

How does SHIFT compare to other emulation and testing platforms?

- Lets you develop and test workloads and configurations prior to deployment.
- Restricts access to only those services designated for your target region.
- Integrates into your Continuous Integration Continuous Deployment (CI/CD) pipeline.
- Delivers accurate, region-specific API responses.
- Provides error responses and recommended remediation actions.
- Provides temporary Public Key Infrastructure (PKI) credentials.

 Patented Full-Scale Emulation	VS	Other Platforms Partial Emulation
✓	Restricts internet	✓
✓	Region-specific endpoints with custom CA	✓
✓	Service and feature emulation	✓
✓	Parameter emulation	
✓	Custom and region-specific API responses	
✓	Real-world responses & troubleshooting	

What customers are saying...

"Within a matter of hours, SHIFT was able to solve some long-standing issues with our ICMP product, and helped get our product operational in C2S."

- Director of Development, Cloud Management Platform

"From the start, the team provided guidance for our overall C2S integration strategy and helped us quickly close the gap to delivering our solution on the high side. SHIFT is truly a force multiplier for us and our mission partners."

- SE Manager of Special Programs, Cloud Data Company

About Applied Insight

At Applied Insight (AI), we enhance the ability of federal government customers to preserve national security, deliver justice and serve the public. We work closely with agencies and industry to overcome technical and cultural hurdles to innovation, empowering them with the latest end-to-end cloud infrastructure, big data and cyber capabilities. Our expertise in cross-domain and boundary solutions, network analytics, DevOps and low-to-high development is unique in our industry. We develop and deliver innovative products and applications that are deployed in highly sensitive customer environments and have broad applications for federal missions. Join us!

EEO/AA, including Vets and Disabled.

For more information or to request a demo:

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