

# HCL Network Security Consulting

Zero Trust Network Access (ZTNA)

#HCLFortius



## The challenge

Your corporate network edge is protected by a strong secure border firewall. The company is safe behind the moat and walls. Nothing else to worry about, right? Unfortunately, the old security model of castle, walls and moats, is no longer sufficient for today's network security threats. The idea of trusted inside and untrusted outside is outdated and needs to be completely reimaged.

Malicious attackers are aware of the old security model that once inside all is trusted. Hence they are taking advantage by moving laterally from device to device until they find the weakest link. The new directive of security is to trust no one and nothing, inside or outside.

The challenge is how to get there, and the investment required. How do you migrate your security approach without introducing additional burdens to an already overwhelmed user base?

## Who should leverage this service?

- › Clients that are moving towards a Zero Trust Framework
- › Clients interested in limiting visibility of applications and services from the Internet
- › Clients who want to apply application micro segmentation
- › Clients wanting to apply least-privilege, user aware security policy to application level access
- › Clients looking to create a universal operating environment for users regardless of location
- › Clients looking for a user friendly remote experience with a move from traditional VPN to a more flexible user specific environment
- › Clients who would like to add a higher level security to network traffic by:
  - End to end network encryption
  - Optional packet inspection for malicious session activity
  - Increased session monitoring for indicators of compromise

# Solution

HCL Fortius cybersecurity consulting resources have vast experience in working with the Zero Trust framework and deploying Zero Trust Network Access (ZTNA). Our Forrester Zero Trust certified consultants leverage their training to move companies closer to zero trust by making Zero Trust Network Access the first step in the migration. Where zero trust is a strategy, ZTNA includes products and services that limit the exposure of applications and apply segmentation at the application layer. With ZTNA, the underlying network architecture is never exposed to the end user. ZTNA creates a bubble around the user, the device and the application, preventing a malicious user from moving laterally within the environment. ZTNA can be leveraged to limit the exposure of network services to the public internet by providing access to the application for a specific end user. ZTNA can provide a consistent end-user experience regardless of where they initiate connectivity.

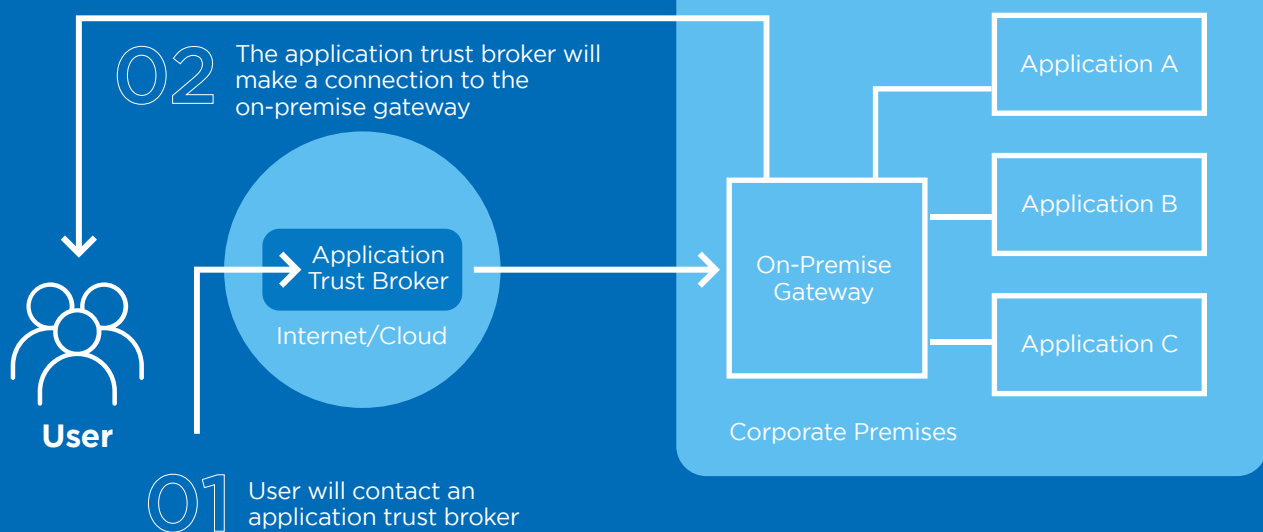


## Focused on delivery

Our standard methodology ensures consistent service delivery. This means that you will always have an expert to help you reach your business outcomes on time and on target. HCL Fortius cybersecurity consulting provides a proven framework with a results-driven approach. We leverage our best practices in key areas encompassing business and technical objectives/processes – all in an effort to derive the most value out of the solution for current and future needs.

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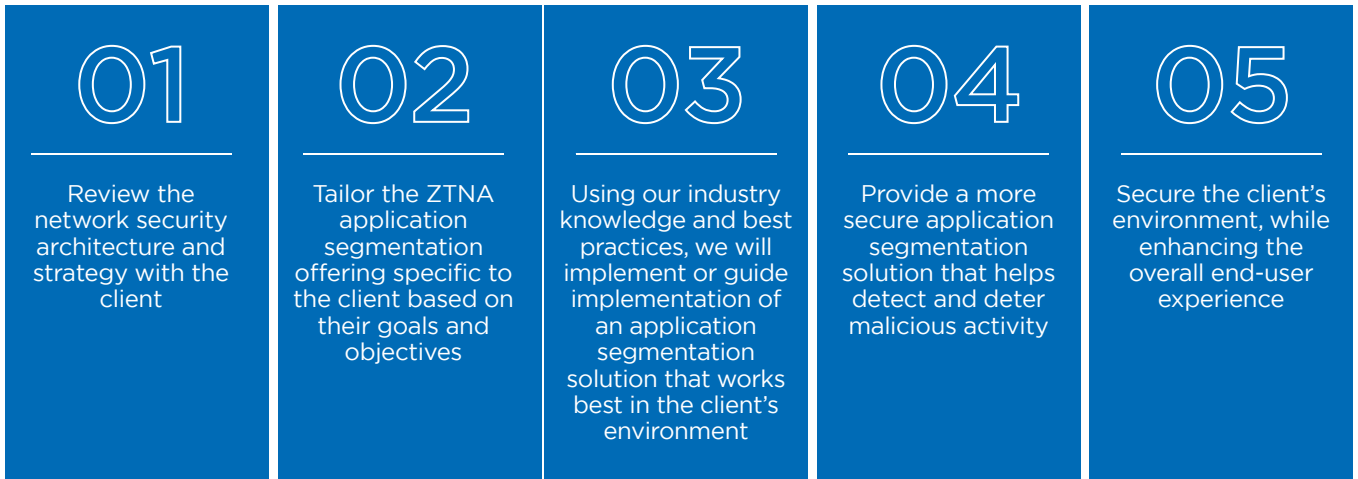
The on-premise gateway will connect to that application environment on the required services and ports. The user will never have any visibility in the underlying network infrastructure. The on-premise gateway will communicate with the user end point.



Zero Trust Network Access- Application Segmentation

# How it works

HCL Fortius cybersecurity consulting will:



## Why HCL's Fortius cybersecurity consulting?

Our consultants deliver real-world value to help guide organizations in improving their security posture through:

- › Acting as a trusted advisor to help design security that meets your operational needs
- › Real-life experience operating solutions in the world's largest and most complex networks
- › Direct access to product partners and internal product teams enabling faster diagnosis and resolution of issues
- › Utilize subject matter experts, proven methodologies, and industry best practices
- › Optimize policies and procedures and engage measurable controls to realize greater program maturity
- › Informal training to improve your team's effectiveness
- › Drive increased value from existing security products and processes



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For more information or to get started, please contact us:

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