



CloudTalent

Networks and Security

Our capabilities

The challenges of Networks and Security

New demands are continually being placed on Networks. The rapid increase in IP-based and mobile devices inside and outside of the network makes it increasingly difficult to scale, secure and manage the WAN.

Security threats are increasing in sophistication, frequency, level of organisation and are also becoming more targeted. Added to this, rapidly changing technology trends such as growing use of personal devices, cloud services, IPV6 and the 'elastic' network bring their own challenges.



CloudTalent

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Feedback from the TReX forum

Feedback from our Customers and our Customer forum (TReX) highlights a number of key challenges in the Networking and Security arena.

All see:

- Concerns re security of mobile devices and wireless
- Security solutions too technology focused
- Increased risk from in house security breach

Some see:

- Network capacity expanding and operational costs are increasing v flat budget
- Network provisioning time is too slow – lack of process and workflow
- Physical & virtual server farms are not fully utilizing available network resources

- Deployment of multiple tools sets to manage LAN, WAN and SAN interfaces
- Resources focused on running network environment v innovating
- Security not looked at in a holistic manner
- Project funding model is driving 'islands of functionality' rather than integrated security solutions
- Hard to build a business case for security as no perceived savings
- Security tools overlap and lack associated processes
- No security threat model
- Service security team's role is not clearly defined
- Contractor identity and access management process is weak
- Large number of manual processes lead to risk exposures

The CloudTalent Approach

New demands are continually being placed on customer networks. Organisations need to understand how to take maximum advantage of the continual reduction in bandwidth pricing whilst increasing functionality and the adoption of new technologies.

In order to counter the increasing security threat in a rapidly evolving IT environment, organisations must understand their business security requirements and use this to take a holistic view of security. This should then be used to drive security policies and solutions which together deliver end to end security aligned with business goals.

What to expect from CloudTalent

CloudTalent has specific work packets, detailed below, which are designed to improve:

- Networking service and costs
- Strategic view of security aligned to business criticality and risk
- Security tools, policies, procedures implemented and linked to business processes
- Security and compliance seen as board issues with effective reporting



Networks and Security - Typical Work Packets

Network/ Security Healthcheck and Strategy

1. Clear stakeholder agreed view of the Current Mode of Operation highlighting all issues, risks and costs (facilities, networks, server, storage, backup etc.)
2. Stakeholder agreed view of the strategic vision all services and architectural principles reviewing in house v cloud v co-lo v outsource options
3. Detailed unbranded Future Mode of Operation for someone of similar reference and capability to address all issues / risks
4. Clear project roadmap of initiatives to achieve the suggested Future Mode of Operation
5. High level business case for the transformation detailing quick wins and strategic wins

Security Threat Mitigation

Create a stakeholder agreed set of issues, requirements, strategy and architectural principles and complete an RFX process to test the market capability and match the best proven solution.

Complete a proof of concept to measure the ability to deliver business outcomes articulated in RFX (recommended in this area as it is a relatively immature market).



Secure Networks

Planned and delivered on time and on budget





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