

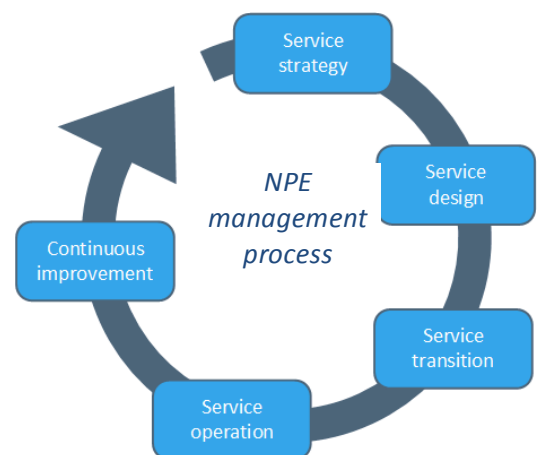
# DevOps and effective NPE Management. A disruptive shift to delivery risk..

Non production environments (NPEs) are part of the formula to **reduce business risk** by allowing development, testing and training to be done safely ensuring production services are protected when things go wrong.

NPEs are models of production, what production will become, or a subset of production used for a specific test purpose. Tests can impact or risk disruption to the environment so execution of testing is performed outside of production.

Disruption to test environments has a compounding impact to the delivery of service delivery. This is where the team from TTC can help. Efficient and effective strategies for NPE management have been proven to increase delivery capacity, reduce risk and improve delivery consistency.

- Improved time to market
- Reduce cost of operations
- Increased environment availability
- Reduction in delivery risk
- High ROI



**DevOps** is an increasingly popular approach to product delivery that unites development and operations teams. Driven by a need for faster innovation, accelerated time to market, improved deployment quality, better operational efficiency, and more time to focus on the customer experience. Key areas of DevOps to address are:

## Governance

Breaking down silos, combining teams helps eliminate the pursuit of conflicting practice goals. Collaboration between the creative dynamic of development and the reliability imperative of operations creates a vital feedback loop for the entire app delivery process.



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## **Orchestration**

Application deployment tools enable the automation of releases, and are at the heart of continuous delivery, one of the primary tenets of DevOps.

## **Transparency**

Continuously monitoring applications and environments iteratively improves code and processes. Constant improvement is central to DevOps, as you can't improve what you can't measure.

DevOps represents a model where teams work together to produce consistent, high-quality software that delivers value using a set of processes that are integrated at every step together:

- Setting common goals and priorities
- Sharing the responsibility for success and failure across the organization
- Constantly improving communication channels, processes, infrastructure and tools to remove bottlenecks and allow a consistent flow of value to the business' customers.

Adopting a DevOps approach for enterprise service delivery can be fraught with risks, cost and disruption to current processes. In many ways, DevOps represents a disruptive shift for challenging the established norms of the enterprise and so this upheaval is desirable. TTC has the depth of knowledge of Non-Production Environment Management to help support your organisation to achieve pragmatic change without compromising the current delivery stream. We look forward to working with you to address pain points and help deliver meaningful change.

### **About The Testing Consultancy**

Founded in 2004, TTC seeks to work on important projects across the Asia Pacific region with smart people to solve 'real world' software quality problems. Our approach is grounded and pragmatic which, when blended with world class thinking and experience, provides us with great confidence to assist firms of all sizes, industries and level of maturity...

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