



Tech  
Mahindra

# TEMS | Test Environment Management Solution

TEMS Offers Enterprise wise End-to-End Test Environment Management solution

Connected World.  
Connected Experiences.

# Index Page

|                          | Pages |
|--------------------------|-------|
| About TEMS               | 3     |
| Tech Mahindra's Solution | 4     |
| Solution Features        | 4     |
| Client Benefits          | 5     |

# TEMS | Test Environment Management Solution

TEMS Offers Enterprise wise End-to-End Test Environment Management solution

## Faster time to market with high quality through robust Test Environment Management

In software development lifecycle, environment related defects contribute substantial percentage, it requires multiple stakeholder involvement for analysing and fixing them due to lack of process and guidelines. This further leads to high impact on the test environment and its availability for testing and business team. Enterprise level environment management solution certainly evade these challenges and helps in continuous delivery and testing.

CT is the process of executing automated tests through the delivery pipeline. The main objective of continuous testing is to speed up the delivery process for validating the code, build and deployment and provide the immediate feedback to the respective stakeholder, it also supports for collaborative programming like Test Driven Development.



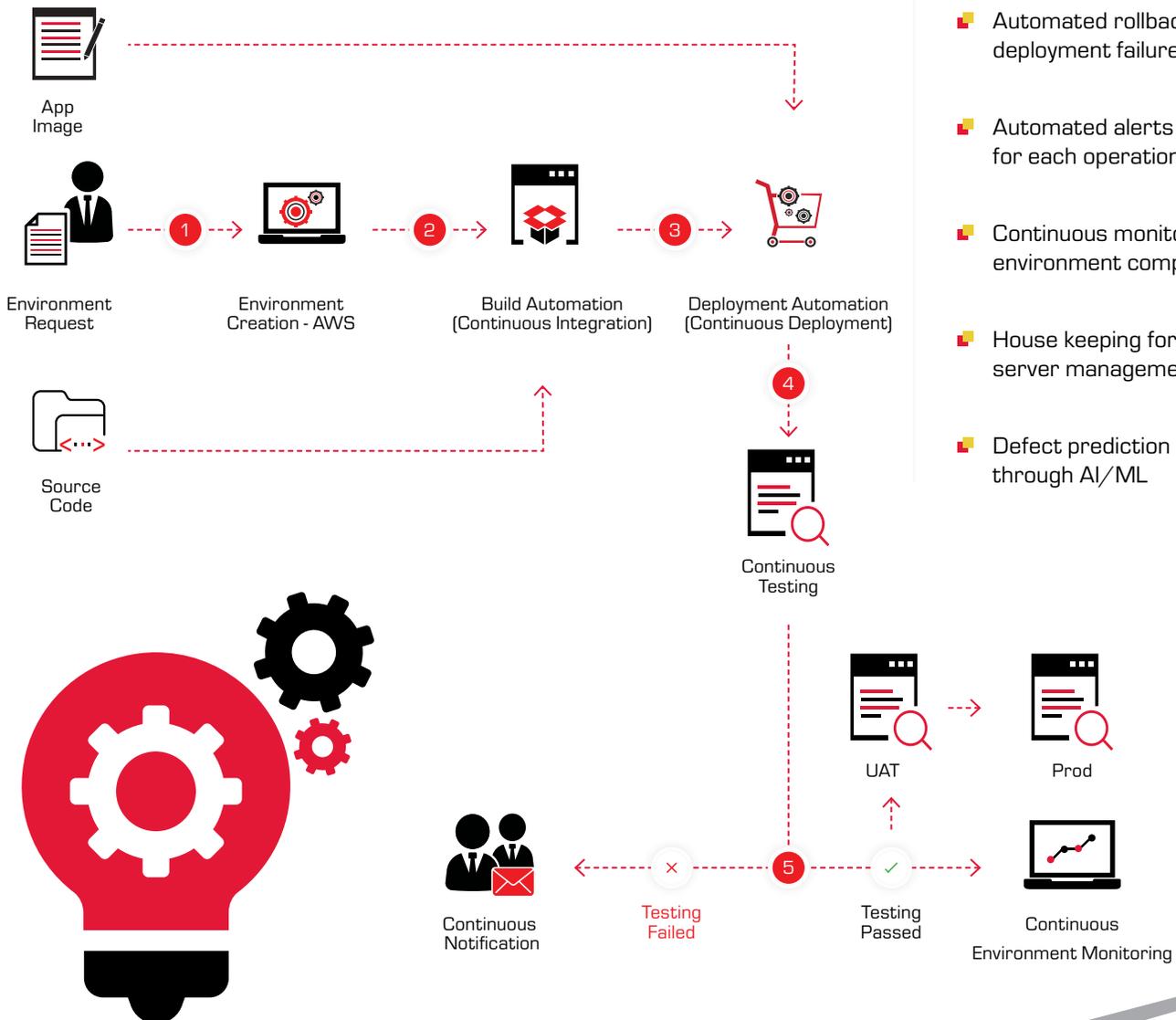
# Tech Mahindra's Solution

## Solution Features

Tech Mahindra's Test Environment Solution (TEMS) provides a single stop solution for managing the enterprise level test or non-production environments across software lifecycle development. TEMS includes the following key features

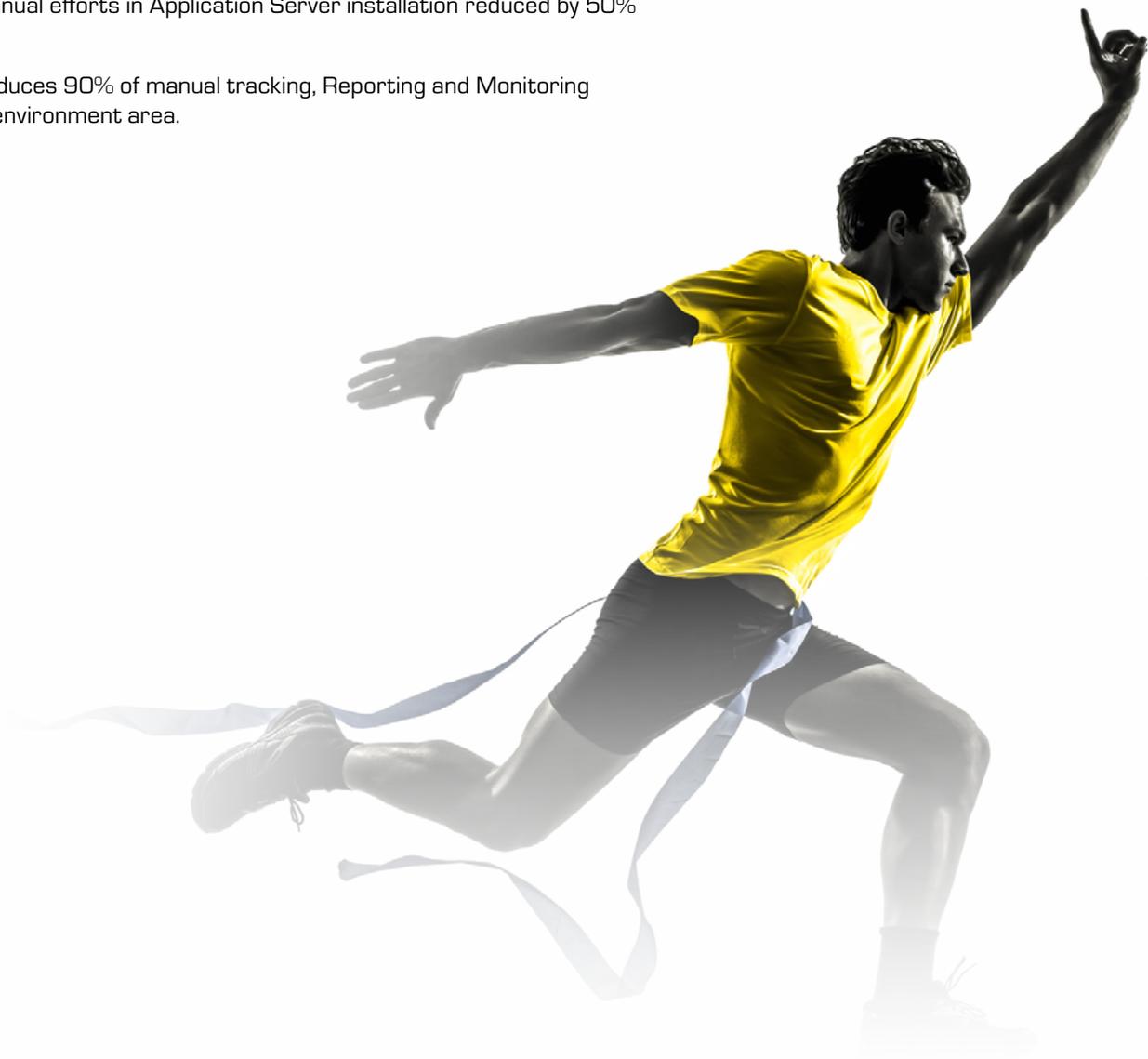
- Provisioning of Environments over cloud
- Environment booking and allocation
- Continuous environment build and deployment
- Environment Monitoring

- Centralized Dashboard provides holistic status for all environments
- Integrated components view for each environments
- Environment provision through virtualization and over cloud
- Automated build, deployment and sanity test execution
- Ensures code quality before deploying the build on target environment
- Automated rollback in case of deployment failure
- Automated alerts and notification for each operations
- Continuous monitoring of environment components
- House keeping for application and server management
- Defect prediction through AI/ML



# Client Benefits

- Environment issues reduced by 20-25%
- Environment availability >90 %
- Environment turnaround time reduced by 25%
- Manual efforts in Application Server installation reduced by 50%
- Reduces 90% of manual tracking, Reporting and Monitoring in environment area.



# Tech Mahindra

Tech Mahindra represents the connected world, offering innovative and customer-centric information technology experiences, enabling Enterprises, Associates and the Society to Rise™. We are a USD 4.9 billion company with 131,500+ professionals across 90 countries, helping 946 global customers including Fortune 500 companies. Our convergent, digital, design experiences, innovation platforms and reusable assets connect across a number of technologies to deliver tangible business value and experiences to our stakeholders. Tech Mahindra is the highest ranked Non-U.S. company in the Forbes Global Digital 100 list (2018) and in the Forbes Fab 50 companies in Asia (2018).

The Mahindra Group is a USD 20.7 billion federation of companies that enables people to rise through innovative mobility solutions, driving rural prosperity, enhancing urban living, nurturing new businesses and fostering communities. It enjoys a leadership position in utility vehicles, information technology, financial services and vacation ownership in India and is the world's largest tractor company, by volume. It also enjoys a strong presence in agri-business, aerospace, commercial vehicles, components, defense, logistics, real estate, renewable energy, speedboats and steel, amongst other businesses. Headquartered in India, Mahindra employs over 2,40,000 people across 100 countries.

more information about Tech Mahindra, connect with us at:  
[www.techmahindra.com](http://www.techmahindra.com) | [connect@techmahindra.com](mailto:connect@techmahindra.com)

CONNECTED WORLD.  
CONNECTED EXPERIENCES.

Connected World.  
Connected Experiences.