



# Infrastructure - INSTALL

3DEXPERIENCE®

## Scope & Overview of Offering



Offer Description
<ul style="list-style-type: none"> <li>• Installation of 3DEXPERIENCE platform of different releases and OS/DB combinations</li> <li>• Pre defined packages to provide quicker turn around at optimum cost</li> <li>• Standardized tools, methodologies and deliverable documentations</li> <li>• Validation, Skype workshop, Remote support for final deployment</li> <li>• Post Install Support</li> </ul>

## Installation Packages and SLA (M1-M2)

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\*Note: For all packages SLA will start only when all pre-requisites are completed  
#Architecture Definition (Optional)

# Value Proposition

<b>Challenges</b>	<b>Technical Complexities</b> <ul style="list-style-type: none"> <li>• Installation of 3DEXPERIENCE Platform is a complex activity</li> <li>• Multiple components need to be installed for deploying the Platform</li> <li>• Need experts to manage the installation</li> </ul>	<b>Time Constraints</b> <ul style="list-style-type: none"> <li>• Time consuming activity if not done properly</li> <li>• Availability and access to all the resources on timely basis</li> </ul>	<b>Cost of Deployment</b> <ul style="list-style-type: none"> <li>• Multiple iterations lead to delays and there by increased cost</li> </ul>
<b>Value Proposition</b>	<b>Access to Experts</b> <ul style="list-style-type: none"> <li>• All team members have cleared DSIS Infrastructure certifications (Installation/ Architecture)</li> <li>• Good connect with DSIS/BT worldwide team, Geo Architects, R&amp;D, support teams</li> </ul> 	<b>Faster Deployment</b> <ul style="list-style-type: none"> <li>• Experienced team of ~25 Infra consultants/ architects working onsite/offshore to ensure adoption of platform on different worldwide geo projects</li> </ul> 	<b>Optimized Pricing</b> <ul style="list-style-type: none"> <li>• Reduced cost and faster availability of ready to use platform</li> <li>• Pre Defined packages and price</li> <li>• Team supported more than 50 customers through BT/VS/C&amp;SI channels within 2 years</li> </ul> 

# Success Stories

75+

Customer Engagements

300+

3DEXPERIENCE Installations

40+

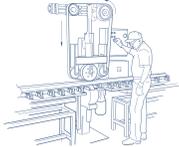
Infrastructure Consultants/Architects supporting customers WW

**Swiss Industrial Equipment Manufacturer**



- **Release:** 3DEXPERIENCE R2019x FD02
- **Type:** Remote Installation from DSIS Offshore Office for Dev/Test and Migration servers and Production Go-Live deployment at customer location onsite
- Fully virtualized 3DEXPERIENCE deployment with hardware load balancing and SAML SSO integration
- Upgrade analysis and execution from previous 2016x to 2017x

**Dutch Semiconductor Manufacturer**



- **Release:** 3DEXPERIENCE R2018x FD06
- **Type:** Remote Installation from DSIS Offshore Office for Dev/Test and Production Go-Live
- Multi Server Test and Production deployment
- Hardware load balancing for Production systems/QA systems with SAML integration

**Japanese Automobiles Manufacturer**



- **Release:** 3DEXPERIENCE R2016x FD14
- **Type:** Mix of onsite and offshore resources working on infrastructure and continuous integration activities
- Physical Servers- Monolithic Production Environment
- Installations carried out at two different sites

# Contact Us

**Mamta Bhatia**

Marketing & Communications - DSGS

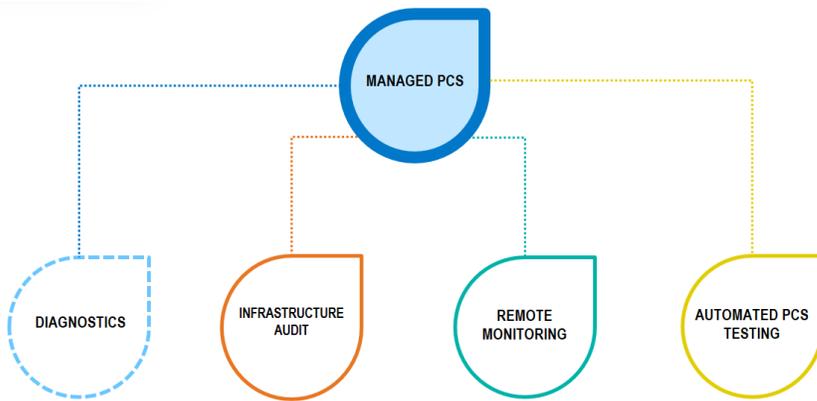
✉ [Mamta.BHATIA@3ds.com](mailto:Mamta.BHATIA@3ds.com)



# Infrastructure - PCS

3DEXPERIENCE®

## Scope & Overview of Offering



Offer Description
<ul style="list-style-type: none"> <li>Secure business user adoption of the 3DEXPERIENCE platform by ensuring performance, capacity and scalability while accounting for customer's configuration/customizations</li> <li>Anticipate or identify performance issues on production environment before Go-Live to avoid production slowdown or downtime</li> </ul>

## Installation Packages and SLA (M1-M2)

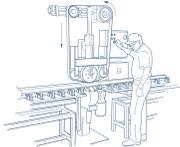
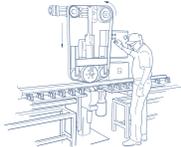
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\*Note: For all packages SLA will start only when all pre-requisites are completed  
#Architecture Definition (Optional)

# Value Proposition

<p><b>Challenges</b></p>	<p><b>Manage performance risks after Go-Live ?</b></p> <ul style="list-style-type: none"> <li>• If Business users start facing performance issues after Go-Live, then analyzing &amp; fixing is a risk</li> </ul>	<p><b>Technical Complexities</b></p> <ul style="list-style-type: none"> <li>• PCS testing and performing the Audit of 3DEXPERIENCE platform is a complex activity</li> <li>• Multiple complex tools and processes need to be used</li> </ul>
<p><b>Value Proposition</b></p>	<p><b>Proactive validation</b></p> <ul style="list-style-type: none"> <li>• Anticipate Performance issues on production environment before Go-Live by replaying critical business uses</li> </ul> 	<p><b>Access to Experts</b></p> <ul style="list-style-type: none"> <li>• All team members have cleared DS Infrastructure certifications</li> <li>• Good connect with DSIS/BT worldwide team, Geo Architects, R&amp;D, support teams</li> </ul> 

# Success Stories

<p><b>NAM A&amp;D Customer – PS1 &amp; PS2 Packages</b></p>  <p><b>Customer Needs</b></p> <ul style="list-style-type: none"> <li>• Infrastructure audit for FCS architecture optimization</li> <li>• Monitoring of 3DEXPERIENCE servers Database lock monitoring and analysis</li> </ul> <p><b>Highlights</b></p> <ul style="list-style-type: none"> <li>• FCS Audit Reports for 13 Global customer sites</li> <li>• Efficient FCS architecture implementation to improve the overall file access performance</li> <li>• DB lock monitoring using recommended DS tools</li> </ul>	<p><b>EMEA IE Customer – PS1 Package</b></p>  <p><b>Customer Needs</b></p> <ul style="list-style-type: none"> <li>• Performance improvement for data search and open scenarios within Solidworks CAD client</li> </ul> <p><b>Highlights</b></p> <ul style="list-style-type: none"> <li>• Analysis of existing architecture to pinpoint root cause of sluggish performance in Solidworks</li> <li>• Redefined architecture for FCS servers with local reverse proxy setup efficient WAN and LAN network usage</li> </ul>	<p><b>EMEA Customer – Performance Audit and Tuning</b></p>  <p><b>Customer Needs</b></p> <ul style="list-style-type: none"> <li>• Performance improvement for use cases like             <ul style="list-style-type: none"> <li>• Login</li> <li>• Data creation</li> <li>• Data search</li> </ul> </li> </ul> <p><b>Highlights</b></p> <ul style="list-style-type: none"> <li>• Infrastructure audit to assess             <ul style="list-style-type: none"> <li>• Virtualization setup</li> <li>• Server resource analysis</li> <li>• Database tuning</li> <li>• JVM tuning</li> </ul> </li> </ul>
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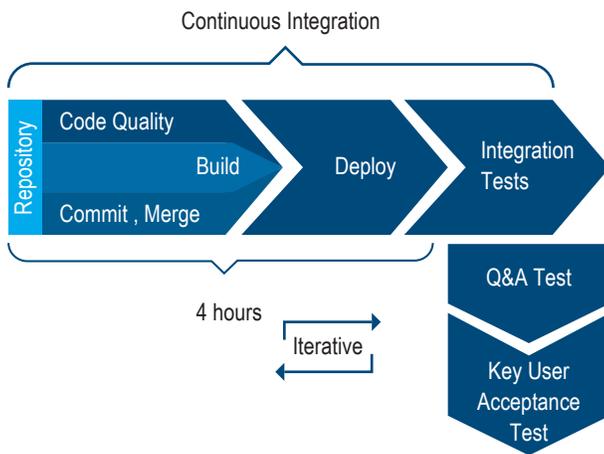
✉ [Mamta.BHATIA@3ds.com](mailto:Mamta.BHATIA@3ds.com)



# Infrastructure - CI/CD

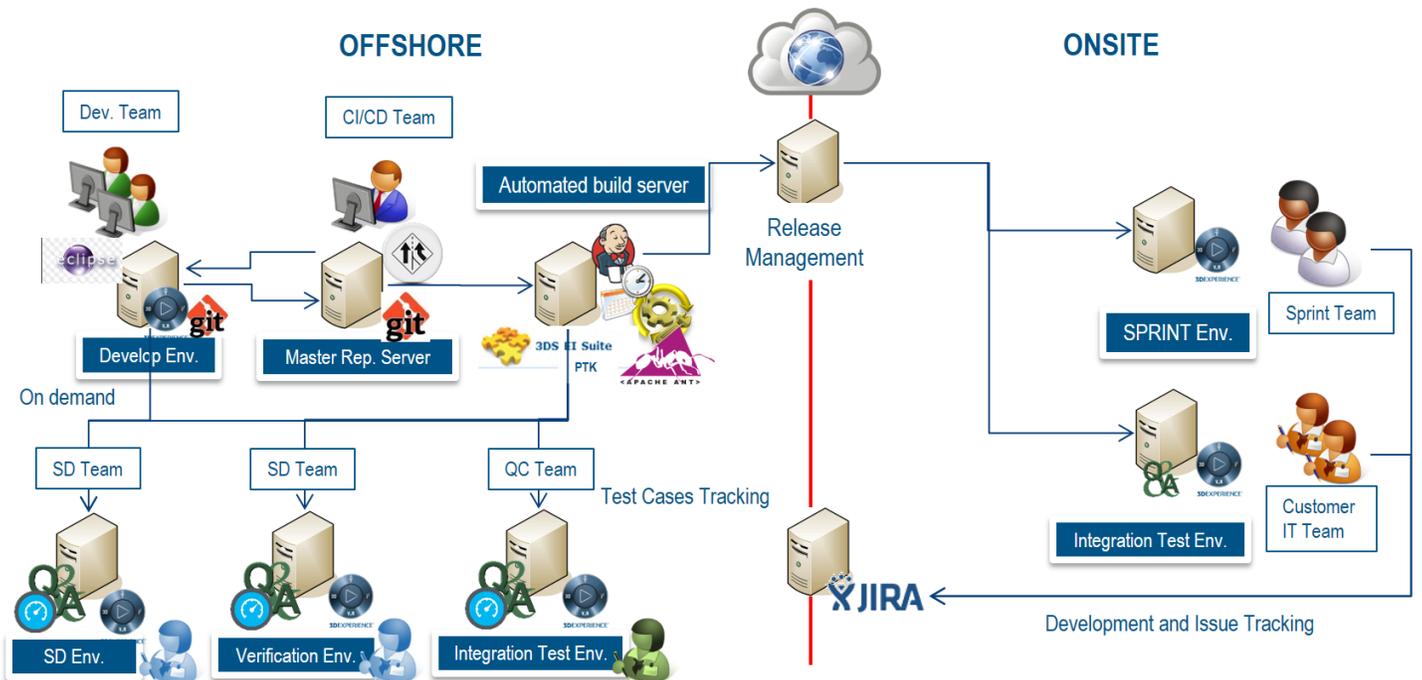
3DEXPERIENCE®

## Scope & Overview of Offering



Offer Description
<ul style="list-style-type: none"> <li>For Customization Projects, Continuous Integration is a Key element of success</li> <li>DSGS manages the activity in a very effective manner with right mix of Onsite/Offshore model of working</li> <li>Manage the deployments, automatic build system, Source code quality by implementing the right tools</li> <li>Run a combination of manual and automated Tests to ensure high quality builds are delivered</li> <li>Prepare and share accurate and reliable Test Reports and Dashboards</li> </ul>

## Continuous Integration



# Value Proposition

Challenges	Technical Complexities	Time Constraints	Cost of Deployment
Value Proposition	<p><b>Technical Complexities</b></p> <ul style="list-style-type: none"><li>• Setup and management of the Continuous Integration is a complex activity</li><li>• Needs expertise to design run &amp; manage the Continuous Integration process efficiently.</li></ul> <p><b>Access to Experts</b></p> <ul style="list-style-type: none"><li>• Experienced team with know-how on latest DS technologies and Continuous Integration knowledge</li></ul>	<p><b>Time Constraints</b></p> <ul style="list-style-type: none"><li>• Delays can affect overall schedule availability and access to all the resources across time zones</li><li>• Multiple components and stake holders involved</li></ul> <p><b>Faster Deployment</b></p> <ul style="list-style-type: none"><li>• Build deploy process can run round the clock.</li><li>• Pre-Defined check lists, configurators and templates in place to provide quicker turn around</li><li>• Pre-Defined processes, Knowledge Management and continuous improvements</li></ul>	<p><b>Cost of Deployment</b></p> <ul style="list-style-type: none"><li>• Late detection of issues lead to delays and hence increased cost</li></ul> <p><b>Optimized Pricing</b></p> <p><b>Tools :</b></p> <ul style="list-style-type: none"><li>• Open-Source</li><li>• Licensed</li><li>• DS Proprietary</li></ul> <ul style="list-style-type: none"><li>• Pre-Defined Packages</li></ul>

# Success Stories

**Automotive OEM in APAC Region**



**Customer Needs**

- Continuous Integration of developments done by multiple vendors on project
- Reduce delays during implementation
- Effectively manage Agile Development Model + Water fall on multiple solution domains and Interfaces

**Highlights**

- PERFORM TOOLKIT used for continuous integration to achieve effective Build & Release management on 50+ servers
- 6 successful Go-Live
- Development of 4 interfaces
- Execution and monitoring of Daily, Weekly Builds and Deploy on SD and QC Servers

**150+**  
Build and Test Environments

**40+**  
Automatic Tests

**12+**  
Sprints Delivered

# Contact Us

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