



Infrastructure - INSTALL

3DEXPERIENCE®

Scope & Overview of Offering






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

Installation Packages and SLA (M1-M2)

I1	Basic Remote – Dev, Sandbox <ul style="list-style-type: none"> • Only Mandatory platform components will be installed • Install Platform remotely • Architecture/Sizing Definition# <p>*SLA: 5 days</p>	I2	Basic Remote – Dev, Sandbox <ul style="list-style-type: none"> • Apart from mandatory, other Optional components installed • COS server, x-CAD integration • 3DIndexing, 3DSwYm etc. • Architecture/Sizing Definition# <p>*SLA: 7 days</p>	I3	Basic Remote – Dev, Sandbox <ul style="list-style-type: none"> • Multi-server deployment • Load Balancer/High Availability • Multi-Site FCS deployment • Integration with LDAP/ SAML • Production Cutover planning • Architecture/Sizing Definition# <p>*SLA: 12 to 20 days</p>
	I4 Update Existing Install <ul style="list-style-type: none"> • Update Existing platform Remotely • Install Fix Pack or modify existing setup • Deploy and Validate <p>*SLA: 3 days</p>		I5 Native Client Package <p>Remote Native Clients Install</p> <ul style="list-style-type: none"> • CATIA V5 • CATIA V6 • Solidworks • DELMIA • SIMULIA <p>*SLA: 3 days</p>		

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

Value Proposition

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

Success Stories

75+

Customer Engagements

300+

3DEXPERIENCE Installations

40+

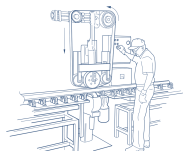
Infrastructure Consultants/Architects supporting customers WW

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

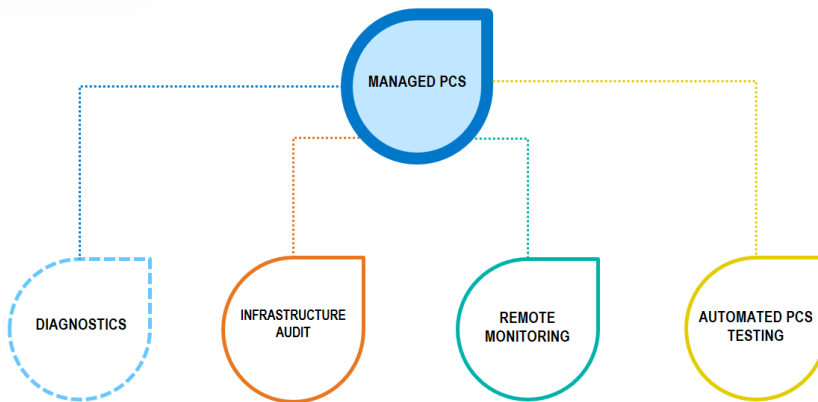
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Infrastructure - PCS

3DEXPERIENCE®

Scope & Overview of Offering



Offer Description

- Secure business user adoption of the 3DEXPERIENCE platform by ensuring performance, capacity and scalability while accounting for customer's configuration/customizations
- Anticipate or identify performance issues on production environment before Go-Live to avoid production slowdown or downtime

Installation Packages and SLA (M1-M2)

I1

Basic Remote – Dev, Sandbox

- Only Mandatory platform components will be installed
- Install Platform remotely
- Architecture/Sizing Definition#

*SLA: 5 days

I2

Basic Remote – Dev, Sandbox

- Only Mandatory platform components will be installed
- Install Platform remotely
- Architecture/Sizing Definition#

*SLA: 7 days

I3

Basic Remote – Dev, Sandbox

- Only Mandatory platform components will be installed
- Install Platform remotely
- Architecture/Sizing Definition#

*SLA: 12 to 20 days

I4

Update Existing Install

- Update Existing platform Remotely
- Install Fix Pack or modify existing setup
- Deploy and Validate

*SLA: 3 days

I5


Native Client Package

- Remote Native Clients Install
- CATIA V5
 - CATIA V6
 - Solidworks
 - DELMIA
 - SIMULIA


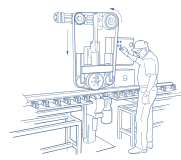
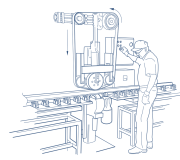
*SLA: 3 days

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

Value Proposition

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

Success Stories

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

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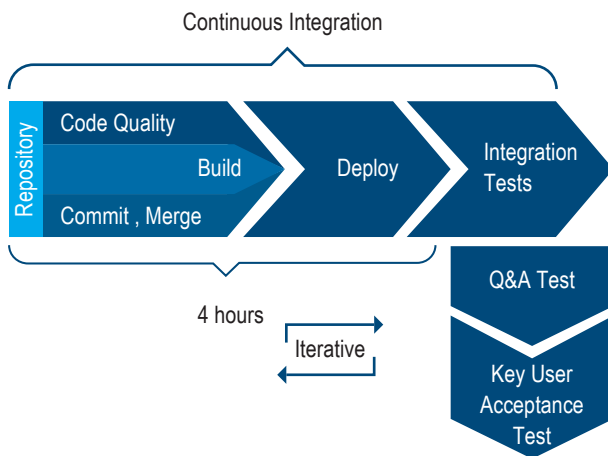
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Infrastructure - CI/CD

3DEXPERIENCE®

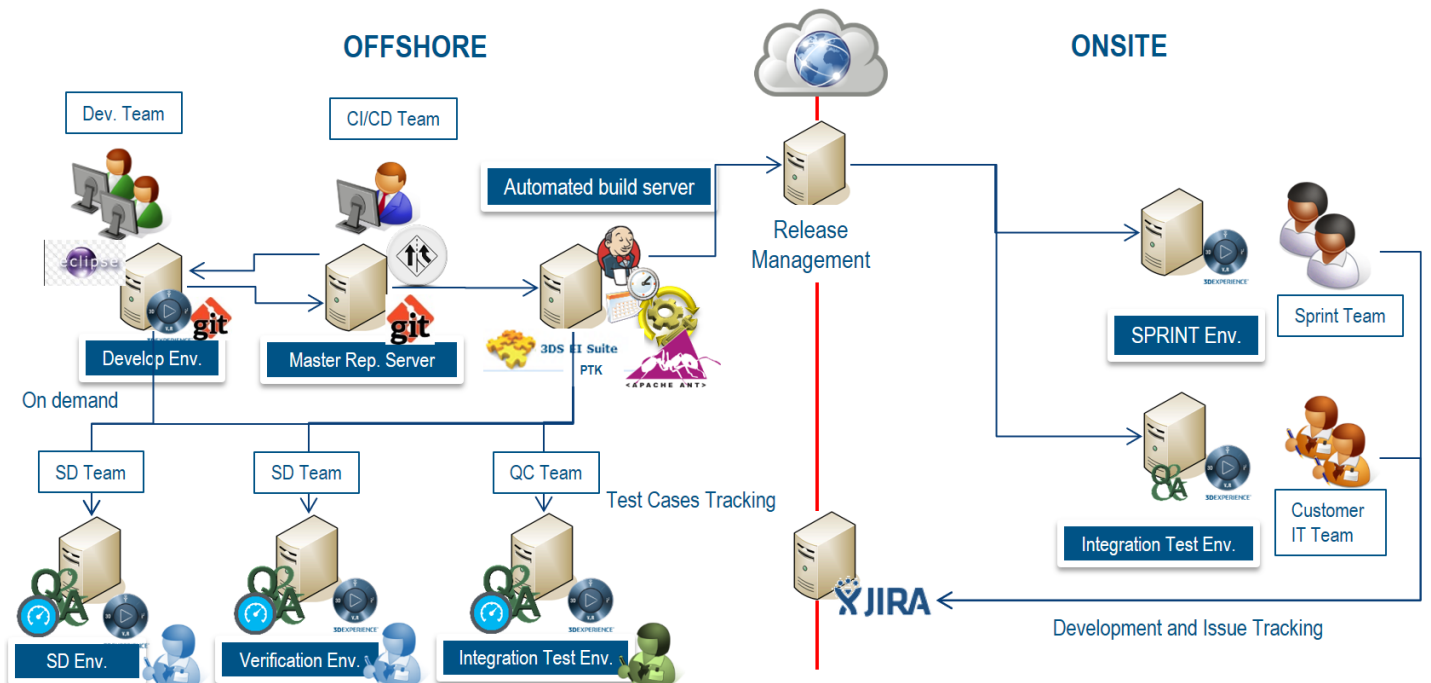
Scope & Overview of Offering



Offer Description

- For Customization Projects, Continuous Integration is a Key element of success
- DSGS manages the activity in a very effective manner with right mix of Onsite/Offshore model of working
- Manage the deployments, automatic build system, Source code quality by implementing the right tools
- Run a combination of manual and automated Tests to ensure high quality builds are delivered
- Prepare and share accurate and reliable Test Reports and Dashboards

Continuous Integration




Value Proposition

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

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

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