

Field Development Assets IGX\_3.0.0\_DQ+\_Application\_Monitoring

Release Notes



Version 2.0

November 27, 2019

**Table of Contents**

[Document Version History 3](#_Toc25734900)

[1.0 Scope of Document 4](#_Toc25734901)

[2.0 Design Document References 5](#_Toc25734902)

[3.0 Release Details 6](#_Toc25734903)

[3.1 Internal IGX\_PS\_FDA\_05 6](#_Toc25734904)

[3.1.1.1 In Scope 6](#_Toc25734905)

[3.1.1.2 Deployment steps: 7](#_Toc25734906)

[3.1.1.3 Out of Scope 8](#_Toc25734907)

[3.2 Assumptions 8](#_Toc25734908)

[4.0 Appendix 9](#_Toc25734909)

[4.1 References 9](#_Toc25734910)

# Document Version History

| Author(s) | Version | Amendments/Reasons | Date |
| --- | --- | --- | --- |
| Sujata Kumari | 1.0 | Consolidated release | 23-August-2019 |
| Atul Sharma | 2.0 | Release 2 | 27-November-2019 |
|  |  |  |  |
|  |  |  |  |

# Scope of Document

The purpose of this document is to provide Release details of Infogix Data3Sixty™ solution being implemented as a part of Internal Project FDA. Release details are provided with release of each Sprints and Iteration separately.

# Design Document References

The following table contains a list of the functional design documents relevant to the Internal Project FDA that have been referred for this release.

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Code** | **Document Name** | **Document Version#** | **Date Received** |
| IGX\_PS\_FDA\_05 | Application Monitoring and Notification v0.4.docx | V0.4 | 11/20/2019 |

# Release Details

|  |  |  |
| --- | --- | --- |
| **Iteration/Sprint Number** | **FDA Project Name** | **Build Name** |
| IGX\_PS\_FDA\_05/Release 2 | Application Monitoring | D3SUTL\_APPLICATION\_MONITORING\_IGX\_3.0.0.zip |

## 3.1 Internal IGX\_PS\_FDA\_05

### 3.1.1.1 In Scope

a) Changes in the email body to include the URL link to directly naviagte to execution screen.

b) Send “Stage Delayed” email only when execution time exceeds more than x% of average execution time.

c) In scenario where PM is taking more than x% of average execution time, email will list the min execution time, max execution time for last n executions. n is configurable in properties file.

d) The average is calculated for only succeeded executions, excluding outliers.

D3SUTL\_APPLICATION\_MONITORING\_IGX\_3.0.0.zip comprises of the below:

1. Jar File: AppMonitoring.jar
2. XML File: app\_properties.xml: - contains configurational parameters for database connection, email notification etc.
3. Config File: app\_control\_file.txt:- stores the last execution date of the process. this will be blank for the first run
4. Script: executeAppMonitoring.sh for executing the Application Monitoring jar file.

The Jar File: AppMonitoring.jar contains below files

* mail.jar
* postgresql-42.2.5.jar
* jsch-0.1.54.jar
* hamcrest-core-1.3.jar
* commons-vfs2-2.0.jar
* commons-logging-1.1.3.jar
* apache-commons-net.jar
* log4j.jar
* TriggerAppMonitoring.java
* DbConnectionManager.java
* SQLStatements.java
* BaseNotificationOb.java
* PropertyFileReader.java
* GenerateLog.java
* PopulateNotificationOb.java
* MmtJobExpandNotificationOb.java
* Cal.java
* DailyRecurringEntry.java
* MinuteRecurringEntry.java

### 3.1.1.2 Deployment steps:

1. Login to the server.
2. Create the folder structure on server as given: - home/sagacity/AppMonitoring/
3. Under AppMonitoring create 2 more folders config, script.
4. Download the D3SUTL\_APPLICATION\_MONITORING\_IGX\_3.0.0.zip file and extract it.
5. Copy the AppMonitoring.jar file under /home/sagacity/AppMonitoring.
6. Copy the app\_properties.xml and app\_control\_file.txt under home/sagacity/AppMonitoring /config.
7. Copy the script file under the script folder home/sagacity/AppMonitoring /script.

**Prerequisite:**

1. JRE should be installed and configured.

**Post-Deployment:**

1.Run the script using the command ./executeAppMonitoring.sh

2.To schedule the execution, please create a cron job which triggers the above script.

For eg, 0 10 \* \* \* /home/sagacity/AppMonitoring/script/executeAppMonitoring.sh

3. To check logs, info and errors which occurred during processing log.out file can be downloaded.

### 3.1.1.3 Out of Scope

## 3.2 Assumptions

# Appendix

## 4.1 References

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Reference** | **Document Title** | **Purpose** |
|  |  |  |  |