



## Release Notes

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# **datagateway**

## 1Data Gateway

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Version 2.1.0

22 July 2020

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# 1 Introduction

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## 1.1 Scope

The release notes detail the enhancements, changes and corrections introduced by this release. They also document any known issues or limitations in the product and any administrative instructions that are specific to this release and not recorded elsewhere.

## 1.2 Purpose of Release

This release provides many new features to support emerging use-cases. The release also includes usability improvements, configuration enhancements and various bug fixes.

## 1.3 System Requirements

1Data Gateway requires access to an existing 1Integrate installation. 1Data Gateway utilises 1Integrate's REST API and may be installed on the same machine or separately, provided it has access to 1Integrate over TCP.

### 1.3.1 1Integrate

The version of 1Integrate that it has been tested against is listed below

<b>1Integrate Version</b>	<b>1Integrate Operating System</b>
1Integrate 2.7	Any supported by 1Integrate (Windows or Linux)

### 1.3.2 Operating Systems

This version of 1Data Gateway has been tested on the following platforms:

Data Gateway Supported Operating System
<b>Windows Server 2016</b>
<b>Windows 10</b>
<b>Linux 64 bit</b>

### 1.3.3 Java JDK

1Data gateway runs on a Java Virtual Machine and has been tested with: Oracle Java JDK 1.8.0 (64-bit)

### 1.3.4 Database

1Data Gateway requires PostgreSQL 9.5 or later to be accessible through TCP locally or over the network. It also needs a user role and a database to be created prior to the installation as explained in section 4.

### 1.3.5 Web Browsers

This product works with most of the recent versions of Chrome, Firefox and Edge. The specific versions that have been tested for this release are:

Browser
Microsoft Edge 44
Google Chrome 83
Mozilla Firefox 78
Safari 13

Other browsers or versions can be used, but support requests will only be progressed if the issue can be replicated on a supported browser.

## 2 Release details

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### 2.1 New functionality in this release

- Record conformance statistics for check rules and action map tasks
- Save and load schema mappings
- Support incomplete mappings
- Configuration of pass thresholds per task
- Conditional termination of submissions
- Non-conformance object report in map view
- Site Administrator user
- Supplier Supervisor user
- Supplier dashboard
- Remember dashboard state
- Export statistics to CSV file
- Submissions list shows all submission states
- 1Integrate connection details configured through the User Interface
- Remove data from cancelled submissions
- Allow/disallow schema mapping
- Show task names in progress and result screens
- Deactivate Specifications
- Deactivate Assignments
- Personalize logo and hero image
- Various improvement in User Interface

### 2.2 Bugs fixed in this release

Issue key	Summary
DG-324	Assignments of deactivated projects are shown to supplier users
DG-458	Changed email address is not updated in user profile
DG-523	Activation email template contains "Data Gateway" constant
DG-528	Login username is case-sensitive
DG-541	When authentication token expires, it shows error "Bad credentials"
DG-565	Specification Dashboard. Violations below 1% are rounded to 0
DG-571	When a supplier is changed in an assignment, it appears changed in all previous submissions
DG-575	Formatting not right when removing media from submission with no files
DG-616	Default application.yml file configured with out-of-date 1Integrate default users
DG-671	Unable to display running time accurately for submissions
DG-750	No longer filtering to successful submissions only on submissions screen

## 3 Upgrade from a previous version

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These are considerations when upgrading from a previous version:

- Upgrades are only available from versions 2.0.0 and above
- Due to a necessary change in mail template fields, the upgrade will reset mail templates to their defaults
- Before starting the new version of 1DG, please log into 1Integrate and rename the following folders:
  - Data Stores: DG2\_DATASTORES rename to 1DG\_DATASTORES
  - Sessions: DG2\_SESSIONS rename to 1DG\_SESSIONS
- Certain configuration parameters that, in previous versions were set in the configuration file application.yml, are now configured through the user interface. The settings in the configuration file are not automatically migrated to the database so they have to be reconfigured through the screens “1Integrate” And “Site Settings”, in the System menu
- The only parameters that must remain in the configuration file can be seen in the example below:

```
# Sample configuration for standalone deployment
spring:
  datasource:
    url: jdbc:postgresql:dg
    username: datagateway
    password: datagateway

  mail:
    host: mail.company.com
    port: 25

  app:
    mediaManager:
      mediaRoot: 'media/'
    mailSender:
      from: 1Data Gateway <datagateway@1spatial.com>
      enabled: true

  server:
    port: 80
```

## 4 Installation procedure

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1Data Gateway is released as an executable JAR package.

For the installation, the following steps must be followed:

1. Create a role in PostgreSQL called datagateway<sup>1</sup>:

```
CREATE USER datagateway PASSWORD 'datagateway';
```

2. Create a database called datagateway:

```
CREATE DATABASE datagateway WITH OWNER = datagateway;
```

3. Un-compress the file 1Data\_Gateway\_2.1.0.zip in a folder on the computer
4. Edit the file application.yml to modify the default configuration parameters. The sections to edit are:

Section	Function
<b>datasource</b>	connection details for PostgreSQL database
<b>mail</b>	connection details of the SMTP server
<b>mediaManager</b>	location to store the uploaded files
<b>mailSender</b>	'from' address for the outgoing emails
<b>server</b>	HTTP(S) server port

5. Double-click on 1datagateway.bat
6. Log in into 1Data Gateway with the user admin@1spatial.com and password admin1
7. In the Users section, this admin user's email and name can be changed, and in the My Account section the password can be changed
8. To run 1Data Gateway as a service, a third-party tool like NSSM (<https://nssm.cc/>) can be used

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<sup>1</sup> Note that the database name, username and password may be different that those suggested as long as they are changed accordingly in the configuration file

## 5 Documentation and Administration

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Documentation for users and administrators is available on the website in the address <https://1spatial.com/documentation/Home.htm>.



## 6 1Spatial Product Assistance

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If assistance is required while deploying this release, contact either your Distributor or 1Spatial Support.

To contact 1Spatial Support, please visit our website: <http://www.1spatial.com/services/support>

Maximise the value of this release with 1Spatial training courses. For training enquiries please contact your Account Manager or email [training@1spatial.com](mailto:training@1spatial.com)