SFS**360**

SFS360
Release notes
V5.1.1

09/04/2020

Stranded Flight Solutions

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Introduction

This document consists of all the new features, the upgrades and the known issues for release 5.1.1

Although all functionalities have been rigorously tested, please share unlisted items in Test Monitor. This process lists the unknown issue for future release. If you read about any features that are not available in your standard SFS360 platform configuration, please contact your SFS account manager so these configuration settings can be explored.

New features

1. There is a new feature to add an overnight station to a passenger. This can be switched on or off in the back end. If a passenger flies from station A to station B but the flight is diverted to station C. If C is the selected station in the top menu the passenger should be visible on station C in the passenger list.

2. An Amadeus link has been added to the virtual support desk. This way passengers can update their personal information before their flight is loaded in to the platform.

3. There is a setting added to back end to enable or disable self-service for groups of more than 3 people.

4. If a passenger is added manually it will say on the personal detail page who added the passenger with a timestamp.

5. The right section on the top part of the hotel dashboard has been updated.
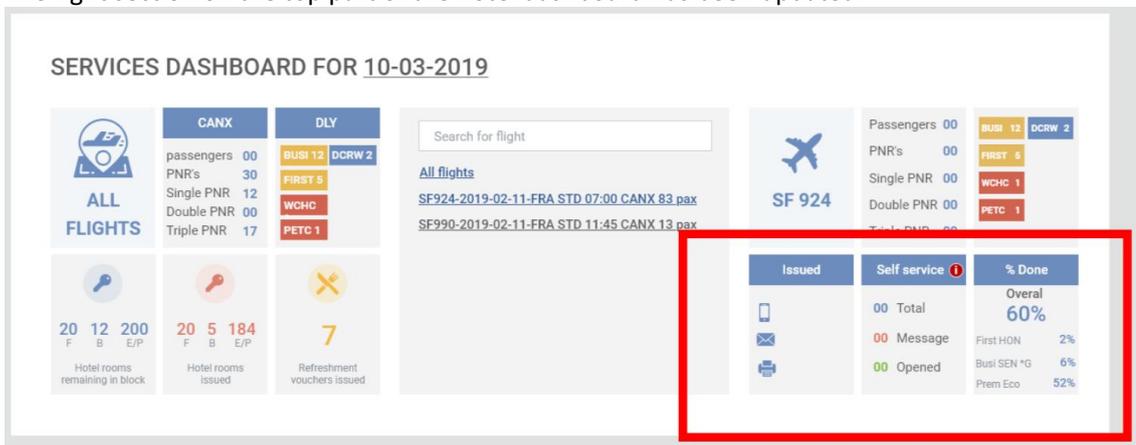
The three section display the following:

- **Issued**: Should count the number of passengers that where issued on SMS, Email or print. For print it should count print on boarding pass and print on A4

- **Self-service**: Next to self-service there should be an i with information that is visible when the user hovered over the i.

  The values of the self-service should be:

  Total = number of passengers that we have mobile contact details of either Phone or email (please count passengers as some passengers can have both)

  Message = the number of passengers informed on the mobile by the issue voucher button.

 Opened = number of passengers that opened the mobile link

- **Done**: Should have an overall % and then under split per passenger group.

6. There has been a new page added for a different type of reporting. On this page the user can find Communication report per airport and per flight.

7. There is now a way for the passenger to see if a VCN is used already or not. The passenger can see that it is used by a layover on the used card with the word used over it. If the passenger has multiple credit cards the used card moves to the bottom of the list.

8. The format of entering phone numbers has been updated. There is a flag selection in front of the form field. If the user types a land code the flag will change automatically in to correct flag.


9. It is now possible to book a hotel for a passenger for multiple nights up to 7. This can be done from the passenger detail page.

10. It's possible to whitelist different ticket statuses.

11. Architectural improvements:

    a. Transition to event driven architecture

b. High level overview SFS360 Architecture:
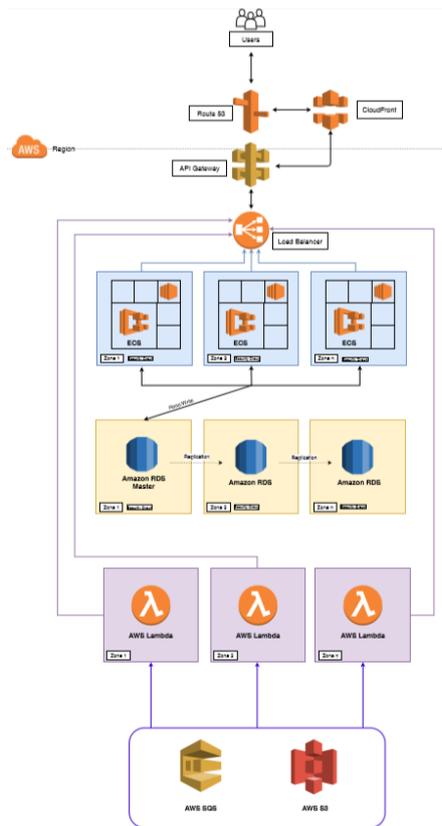
c. SFS applications now goes through a full DTAP street for quality control. This includes the security checks and load tests via DevOps and CloudFormation.

    i. Infrastructure and applications must pass unit- and Cloud integration tests for each street. Published trough Docker containers on AWS ECR

    ii. Automated encryption of data in motion

    iii. CloudWatch Alerts added to the CloudFormation templates for relevant resources, so staff gets alerted when a system or database is overloaded

    iv. DynamoDB Tables: Provision at minimum capacity, and configured to scale automatically.

    v. Application repository that can deploy itself to the application cluster, utilizing Scepter to obtain the relevant information from the infrastructure stack, and deploying the application by means of Infrastructure as Code

    vi. Application reachable through Route53, generated dynamically through Infrastructure as Code

    vii. Load balancer is stateless: For example, the application features a log in. After logging in and refreshing the application in your browser, you do not need to log in again.

    viii. Health Checks on the Load Balancer via a TargetGroup through CloudFormation

d. Improved deployment predictability by the use of infrastructure blueprints

e. Reduced potential attack surface by moving all applications to a private virtual network that is not accessible directly from the internet.

f. Improved stability of the platform under peak load by the use of a content delivery network (CDN/(E)LB/ECS)

    g.   ECS overview:
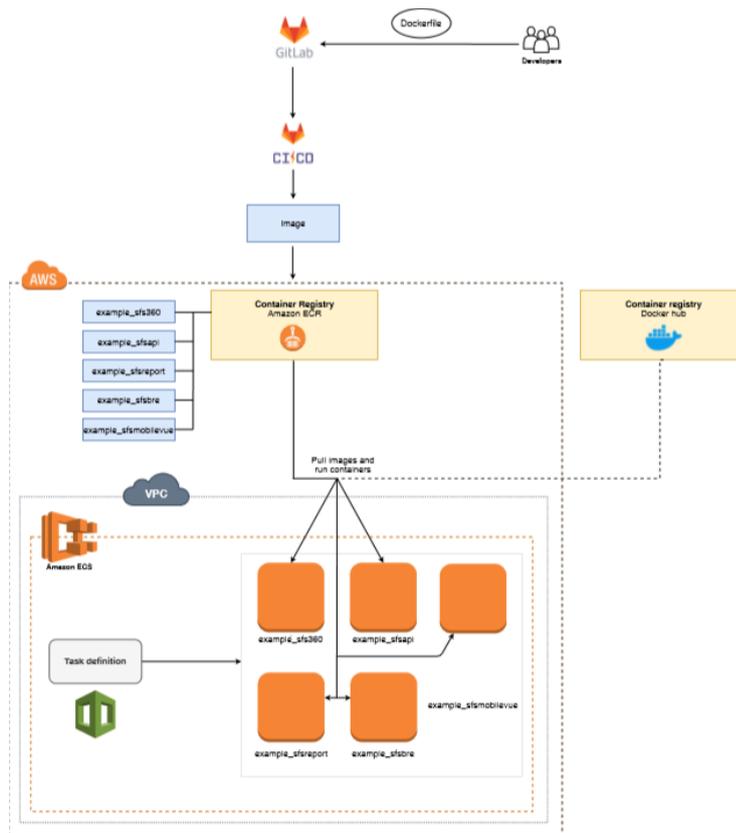
h.   Gitlabb integrated in auto deployment

i.   Deployment S3 bucket through Framework in CloudFormation

j.   SSL setting for all applications through Joomla

k.   Proactive alert triggers: i.e. When average CPU of PoC application on CPU exceeds 50% for 5 minutes

l.   Auto scales and runs load balanced with a minimum of 2 nodes. Automatically scale up and down based on CPU load

m. Auto detection of ECS deployment failures to roll back quickly

n.   Prepared for Multi-tenant, Serverless container usage, Automated testing, Replace Queue workers with lambda functions

Upgraded features

1.   It is now configurable in the back end to show or not show the checked in status of passengers on the select passenger page.

2.   Optimize response time CUTE workstation

3.   Look and feel on the add customer manually page has been updated for CUTE

4.   The map on the book hotel page now loads automatically in every browser.

5.   Users logging in trough SO can see currencies now.

6.   The NPS invite is now send from a senderID instead of an unknown phone number.

7.   The date and timestamp in the passenger history is now consistent

8. On the hotel dashboard passengers are now only counted once, based on the passengers overnight station.

9. On the languages and text pages canned messages are not overwritten anymore.

10. On the hotel dashboard the flight search goes through all the pages not just the selected one.

Known issues

No known issues reported.

GDPR

No GDPR issues reported or changed