



Safety  
Management  
Summit  
SMS - Brazil 2019

# R-AFIS NORONHA



Departamento  
de Controle do Espaço Aéreo



ANAC AGÊNCIA NACIONAL  
DE AVIAÇÃO CIVIL

# GOAL

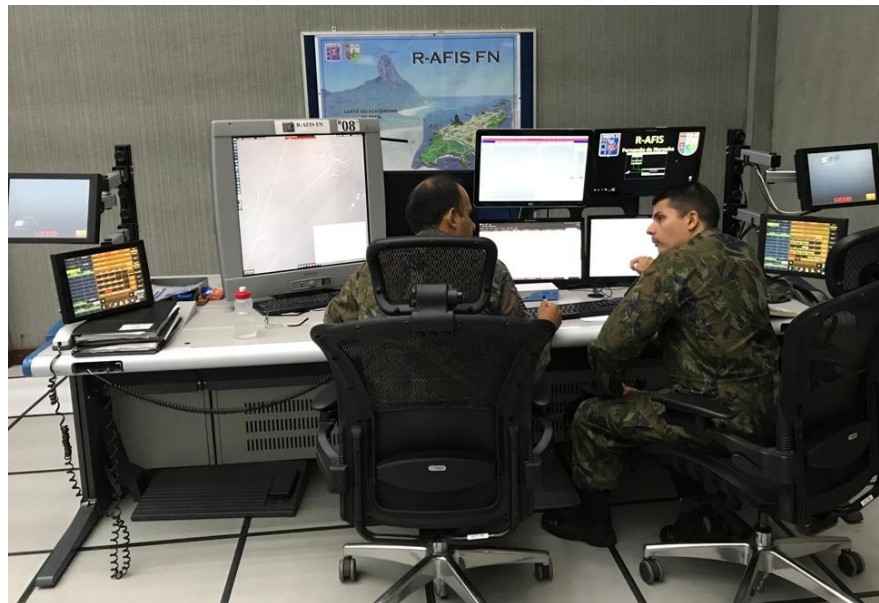
INTRODUCE R-AFIS NORONHA AT CINDACTA III

# SUMMARY

- What is a R-AFIS?
- What motivated the implementation of R-AFIS Noronha?
- How was the Implementation?
- Benefits of change

# What is a R-AFIS?

R-AFIS is a remote Flight System Service responsible for providing the Aerodrome Alert Service and Flight Information Service.



# What motivated the implementation of R-AFIS Noronha?



# What motivated the implementation of R-AFIS Noronha?

## Main motivational factors:

- Limitation of permanence by Aeronautics Station Operator in the archipelago (2 years);
- Operational staff does not always meet the minimum Aeronautics Station Operator requirement established;
- Need to commission Aeronautics Station Operator of CINDACTA III and / or other subordinate units in that locality for replacements of anticipated (vacation) or unexpected exits;
- Infrastructure for Aeronautics Station Operator family members; and
- Statistical data from other countries like Japan that have been operating remote AFIS for over 20 years.

# How was the Implementation?



## How was the Implementation?

### They were divided into 4 modules:

- MODULE 1 - TECHNICAL RESOURCES;
  - This module has been divided into the following sub-modules: communications, navigational aids, meteorological aids, visual aids and operational IT systems.
  
- MODULE 2 - Safety risk management;
  - Confection of Safety risk management Documents.
  
- MODULE 3 - REGULATIONS;
  - Actions related to the regulation of the implementation of the R-AFIS service.
  
- MODULE 4 - Human Resources;
  - This module has been divided into the following sub-modules: Staff Composition, R-AFIS FN Aeronautics Station Operator Qualifications and Staff training.



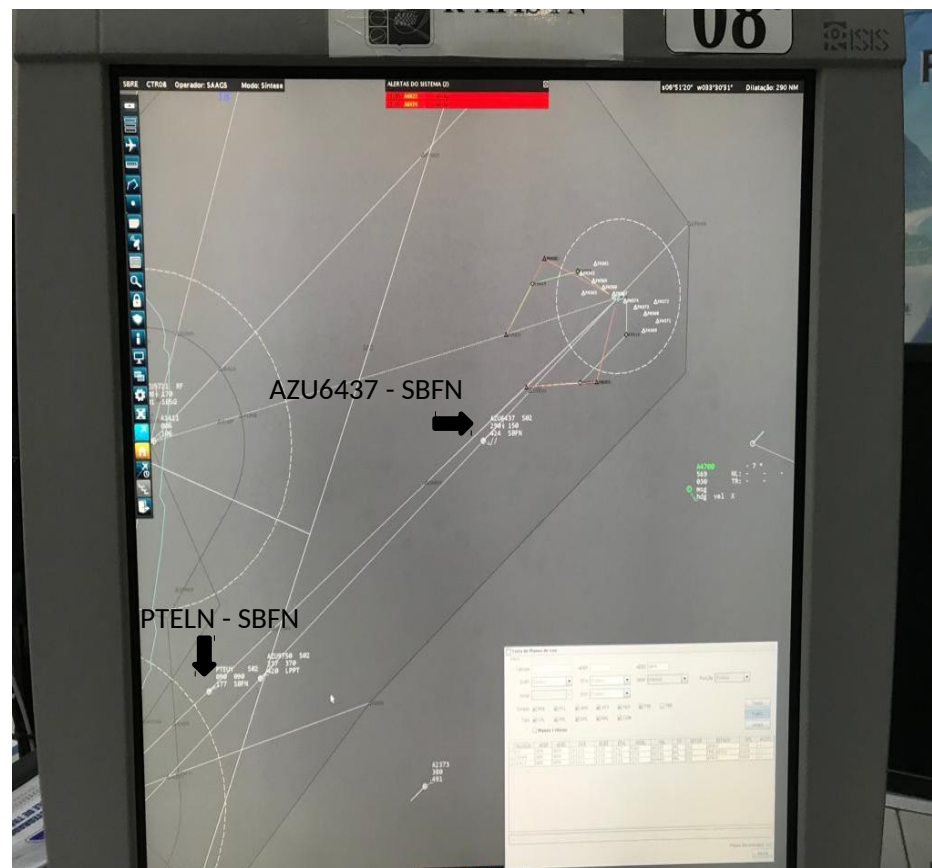
# BENEFITS OF CHANGE



## BENEFITS OF CHANGE

### Operating Gains:

- Use of SAGITARIO Console;
  - A viewing position of the ACC-RE STVD SAGITARIO was made available, with a specific video map of Fernando de Noronha;
  - and
  - Increases Aeronautics Station Operator's situational awareness.



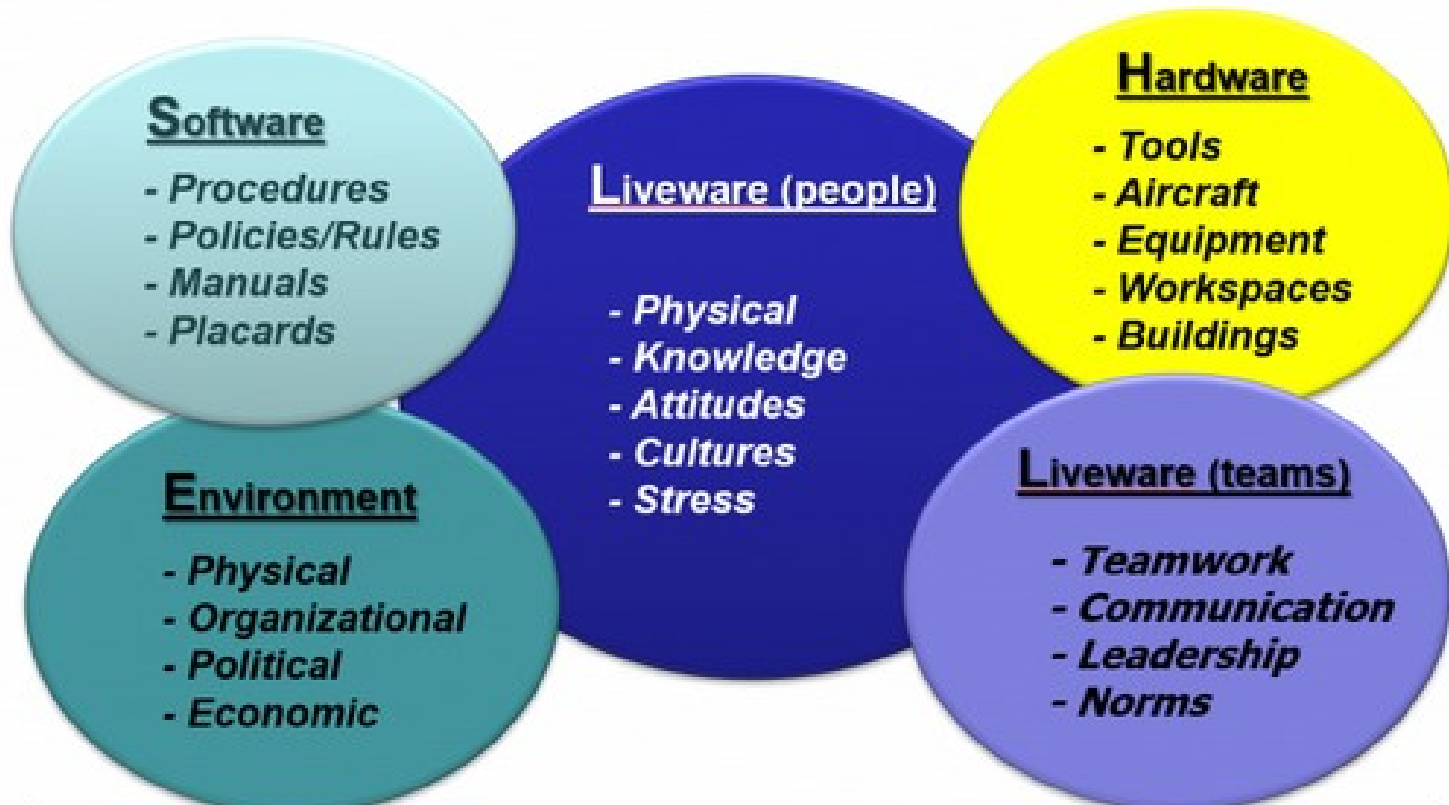
# BENEFITS OF CHANGE

## Operational Gains:

- Operational environment;
  - Being stationed in the ACC - RE environment where exists greater oversight and support for the Aeronautics Station Operator.
  - Use of ACC - RE's Simulator for Aeronautics Station Operator Training.
  
- English classes;
  - As part of the structure of Integrated Operations Center (COI), the Aeronautics Station Operator participate of English classes taught to ATCO.
  - Thus increasing English proficiency.
  
- License Time;
  - Increased Aeronautics Station Operator License Time that no longer needs to be transferred every 2 years.

# BENEFITS OF CHANGE

## SHELL MODEL



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