



2019

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# How to use the right user license types now (ECC) and in the future (S/4HANA)

2 December 2019

ENGAGING MINDS | EMPOWERING SUCCESS

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# Intro to NATS

NATS is a global leader in air traffic control and airport performance

NATS Integrated Business System (NIBS) incorporates the following business processes in SAP systems:

- Finance
- Human Resources
- Operational Resource Management
- Inventory Management
- Supply Chain
- Activity Management (Project Systems)
- Asset Lifecycle Management (Plant Maintenance)
- Customer Relationship Management

Two production systems (ECC, and BW on HANA)  
c.5,000 licenses

# The Challenge

- Uncertainty over whether we were using right License Type
- Traditionally these were set by Roles
- Lack of correlation between Roles users were granted and actual usage in system
- Needed to be able to create Roles efficiently
- Needed to identify contractors in the system for internal identity management who have no access and no Roles
- Leavers had access blocked to the system, but no easy process to update Licence Types
- Licenses allocated in many cases where accounts had no access in the system
- Tracking changes in use on an individual, ad-hoc basis was impractical

# How we addressed the challenge

- Analysis of the current assignment of license type to users versus the actual activity of users in the system
- Extracted data and ran a simulation using Aspera's Licence Control for SAP tool
- Looked at our contracts to understand parameters to apply to differentiate between licence types
- Came up with a rule set that allowed us to:
  - Apply licence type based on actual usage at transaction level
  - Identify users who had no access to transactions
  - Identify users who had not accessed the system for specified periods (cross-checked with HR team for leavers and long term absentees)
  - Apply default licence type to User Groups such as leavers

## Next Steps

- Produced a simulated set of results in the Aspera tool, to show what our license type allocation would be based on actual usage, at transaction level, using the parameters we set
- The simulation was checked and validated in the tool, without affecting SAP
- Once simulation was verified, we imported it into our SAP system to update Licence Types to achieve a compliant allocation based on actual usage

# Maintaining Compliance

- To maintain compliance, we now have a new process:
  - On creation users are assigned default License Type:
    - SAP Limited Employee User
    - unless an MSS user, in which case set to Limited Professional User
    - or set to Professional User if a direct replacement or role addition to current Professional user
  - All Business Warehouse users set to Multi-Client User (11) and no user can have access to BW without an appropriate licence type in ECC
  - Overall Licence Type is derived from ECC
- A twice yearly exercise (May and November) adjusts License Types where needed, based on actual usage using our ruleset
- Enables us to check compliance twice yearly
- Gives greater visibility of levels of usage in the system