

Nordea

Automation Platform as a Service

Jisan Nayer – Expert IT Architect – Ansible | Automation
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Nordea in numbers



Nationalities working together:
107
Languages spoken:
66



Reduction in financed emissions from business loans, motor vehicle loans and residential real estate between 2019 and 2023:
-29%



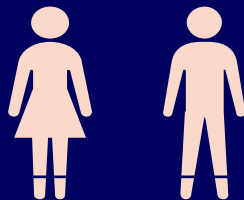
Logins to digital channels
1.4 billion in 2023.
Mobile bank placed **#1** in the Nordics according to app store rankings.



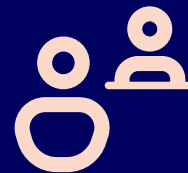
Facilitated
EUR 135bn in sustainable financing over the past two years.



Countries we have offices in:
20



51,7% **48,3%**
No. of employees 2023:
31,439



Volunteering hours 2023:
10,425

#1

Won Global Finance award for best digital user experience among banks in Western Europe.



Advisory meetings with customers 2023:
Over 1 million

Our 4000 technology professionals in Nordea drive digital leadership in the financial industry



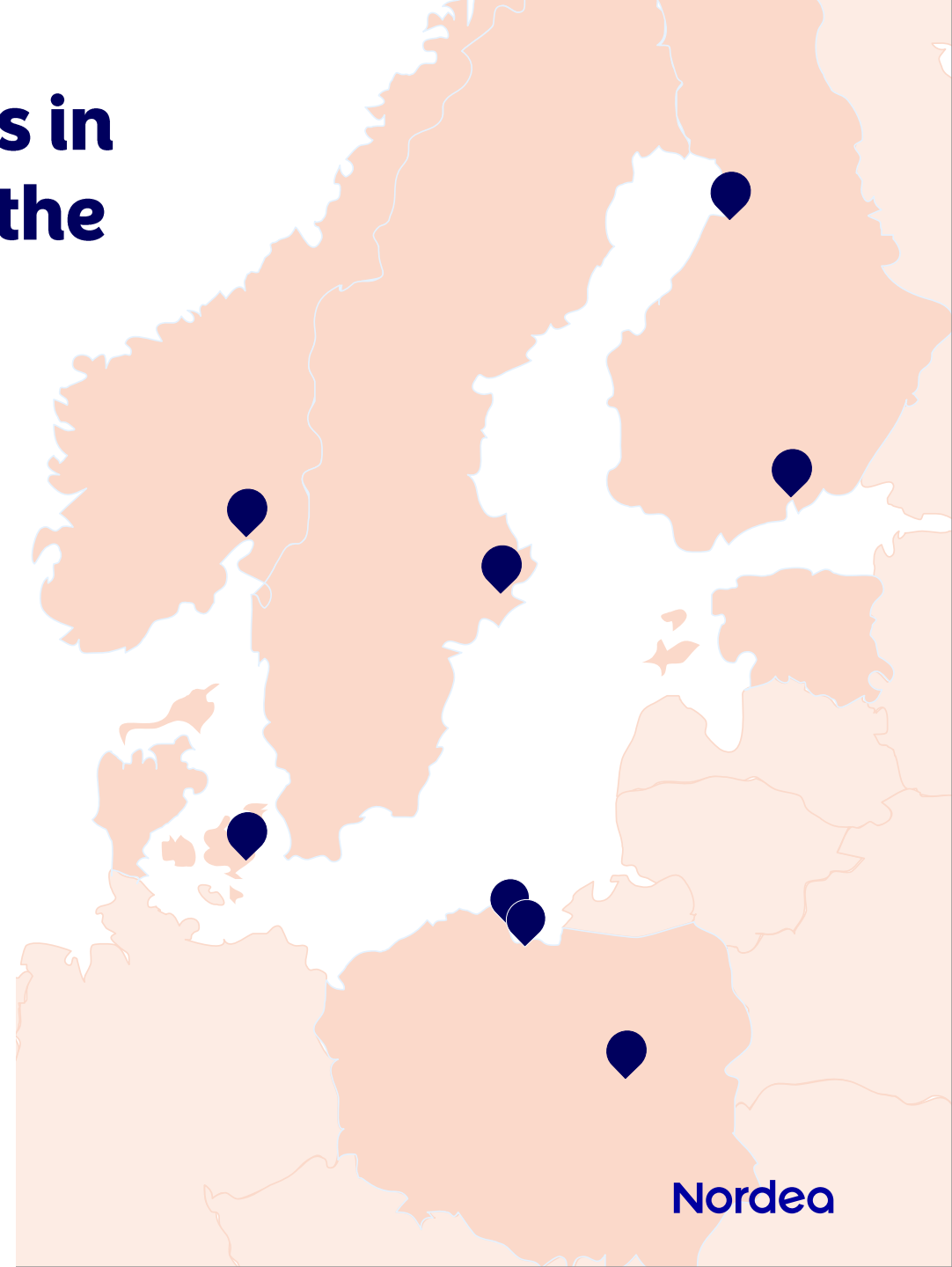
First bank in the Nordics to launch the Open Banking developer portal



We were one of the first movers on Apache Kafka in 2015 and now handle more than 750 million messages per day



One of the largest Technology employers in the Nordics & Poland



Nordea

Who I am...

Primarily work area

- Ansible, AAP, vRA
- Automation – Solution, Design, Architect
- Governance, Development
- API's , DevOps
- 15+ Years of IT experience - traditional as well as cloud Infrastructure.

Passion:

To make a difference and push Nordea forward to fulfil its ambition.

- Automation
- Infrastructure, Containers, Cloud
- Security
- ...Creating effective automated solutions
- ...Assisting others to Automate



Jisan Nayer
Expert IT Architect, Nordea

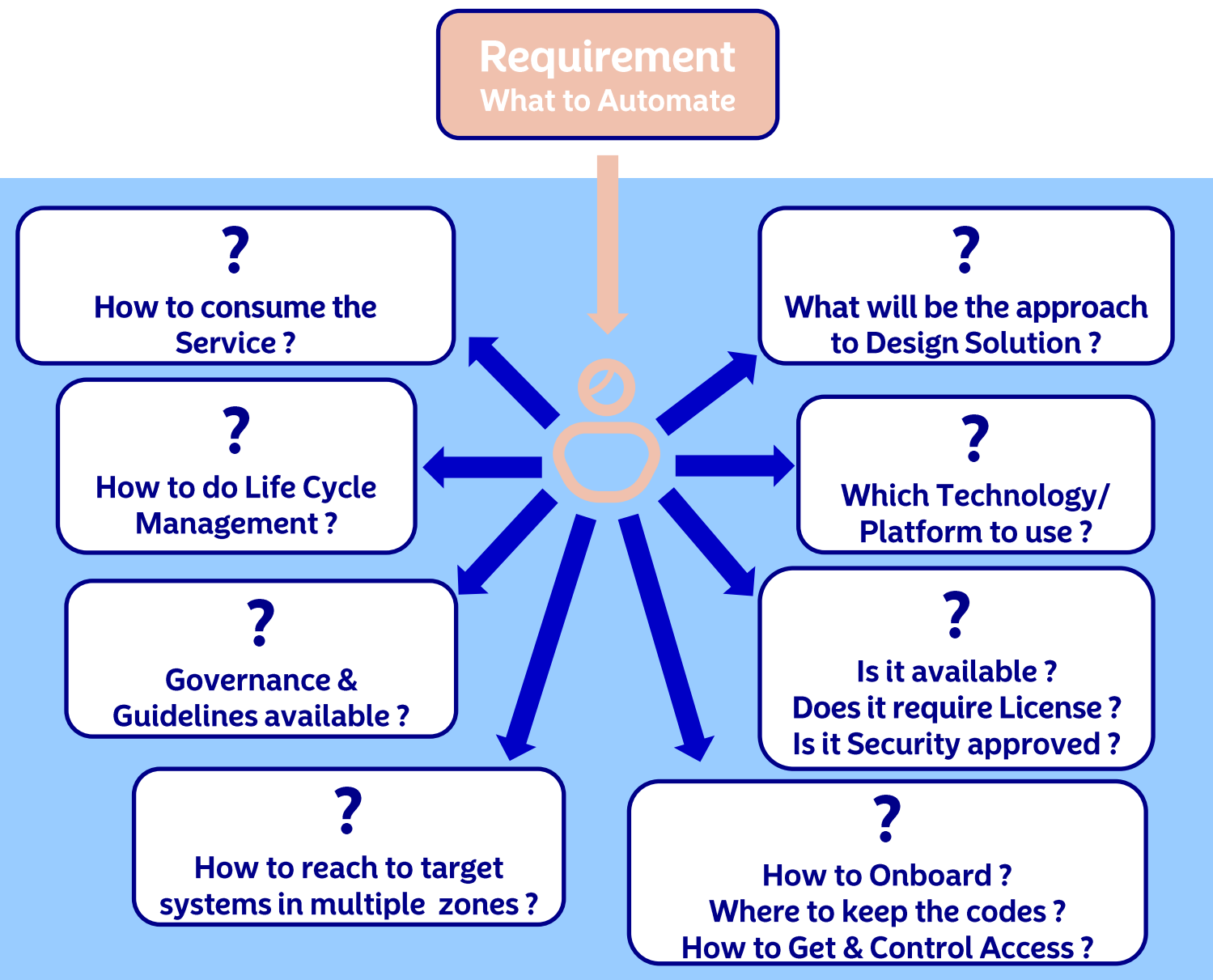
Focus of today

How we at Nordea, leverage Ansible and automation to increase and strengthen our automation journey and to enhance operational stability.

From automation through standardizations, managing configurations via code, and manual processes executed by machine power, our goal is to ensure a stable, fast, and secure IT infrastructure and application development environment.



Automation - Reducing the complexity with automation



Reducing the complexity with automation

Automation Platform As a Service

Automated & Packaged together

- Automated Onboarding to an updated Platform with all required Integrations
- Get required DevOps tools configured
- All via Infrastructure as Code
- Required repositories to store code
- AD groups for Access Control
- All required Governance & Guidelines Documents
- Life Cycle management process
- Option to publish service as API

Benefit

All via IAC

Focus on goal

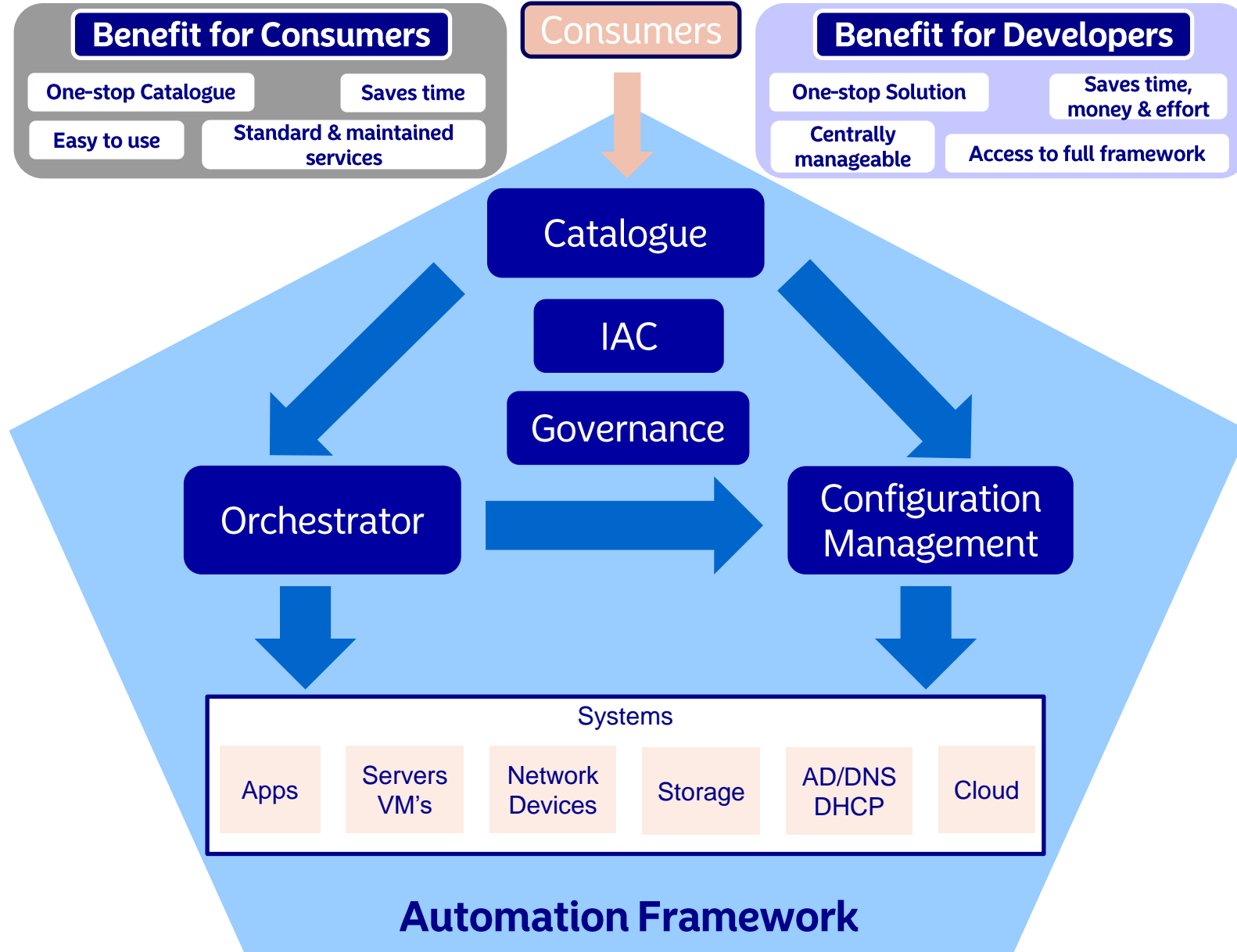
All pre-requisites in place

Reduces complexity

Centrally managed

Saves time, money & effort

Automation Framework



Consumers

- Human Users or Another Systems
- Who want to Consume an Automated Service

Catalogue

- Automations services hosted as API
- Easy to subscribe with approval process

Orchestrator

- Orchestrate/design the solution/workflow
- Integration with different systems
- Prepare pre-requisites

Configuration Management

- Connects to target systems
- Deploy automation
- Change target state

Systems

- Target Hosts
- On-premise or Cloud
- Integrated Systems

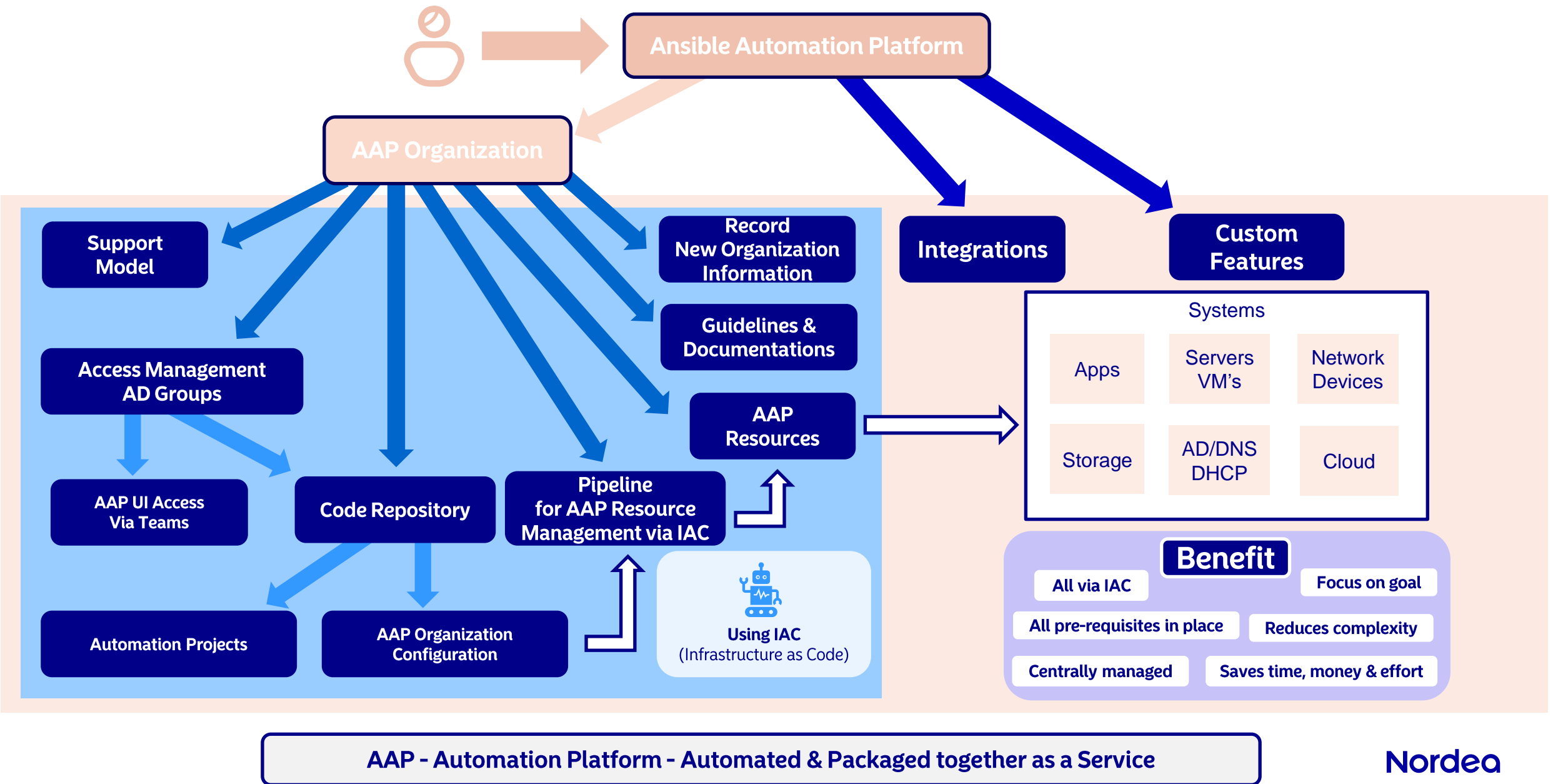
IAC (Infrastructure as Code)

- Everything via Code
- CI/CD, pipeline, life-cycle management, access control
- Controlled deployment & Minimized error

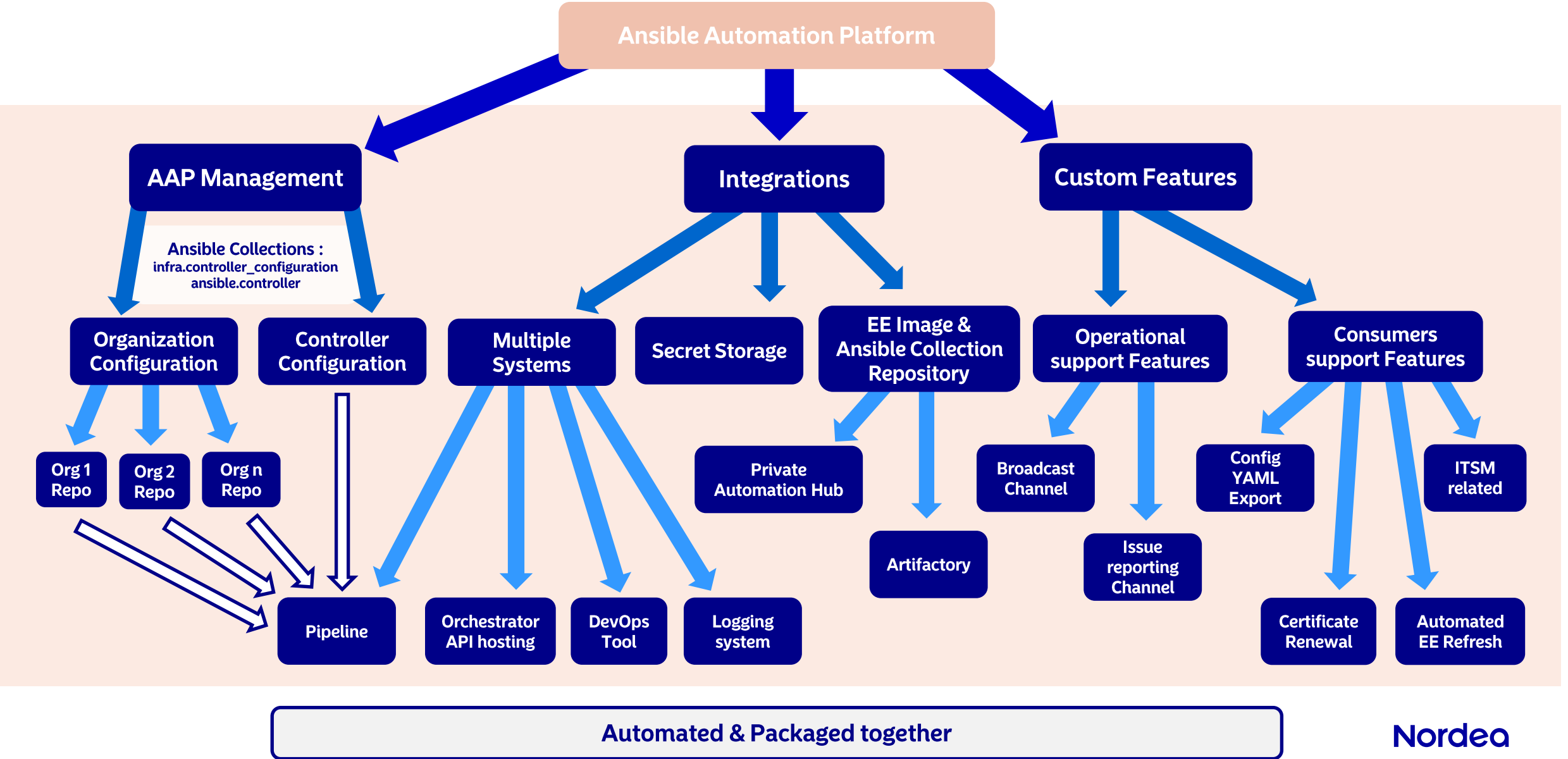
Governance

- Solutions design
- Life Cycle & Access management
- Guidance & Guidelines
- Knowledge base

Automation Platform as a Service



Automation Platform as a Service – AAP



Summary & Key take away

- A Catalogue of automated services
– for Consumer usage
- A backbone automation framework
– non-visible to Consumer, but extremely helpful to automation developer
- Automation Platform as a Service
– all pre-requisites for developing automations packaged & automated together
- For future, long run to save a huge amount of Time, Money & Effort

Everything we do begins and ends with our customers



Nordea

Thank you!

