

# Evolveum

Can Your IGA See into the Future?

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Chief Product Officer

# | About Me



# Seeing the Future in IGA

- How could this be achieved?
  - Simulations
- Why would it even be important?
  - Predictability
- What benefits does it bring to see into the future?
  - Verification



# IGA at a Glance

IGA is not a project, it is a journey,  
...  
“and most of the time it is about surviving the journey.”



# IGA Journey

- Cons:
  - Usually painful
  - Tends to last forever
  - Might be expensive
- Pros:
  - Automation
  - Compliance
  - Risk management
  - Data and process cleanup
  - Visibility



# Know Your Environment



- What naming convention do you use for logins?
- What kind of workflows exist?
- What are the rules for approval processes?
- Do you have any exceptions to processes?
- Are the same rules applied for all users?
- What should happen if... ?

# Data Quality



How can this be prevented?



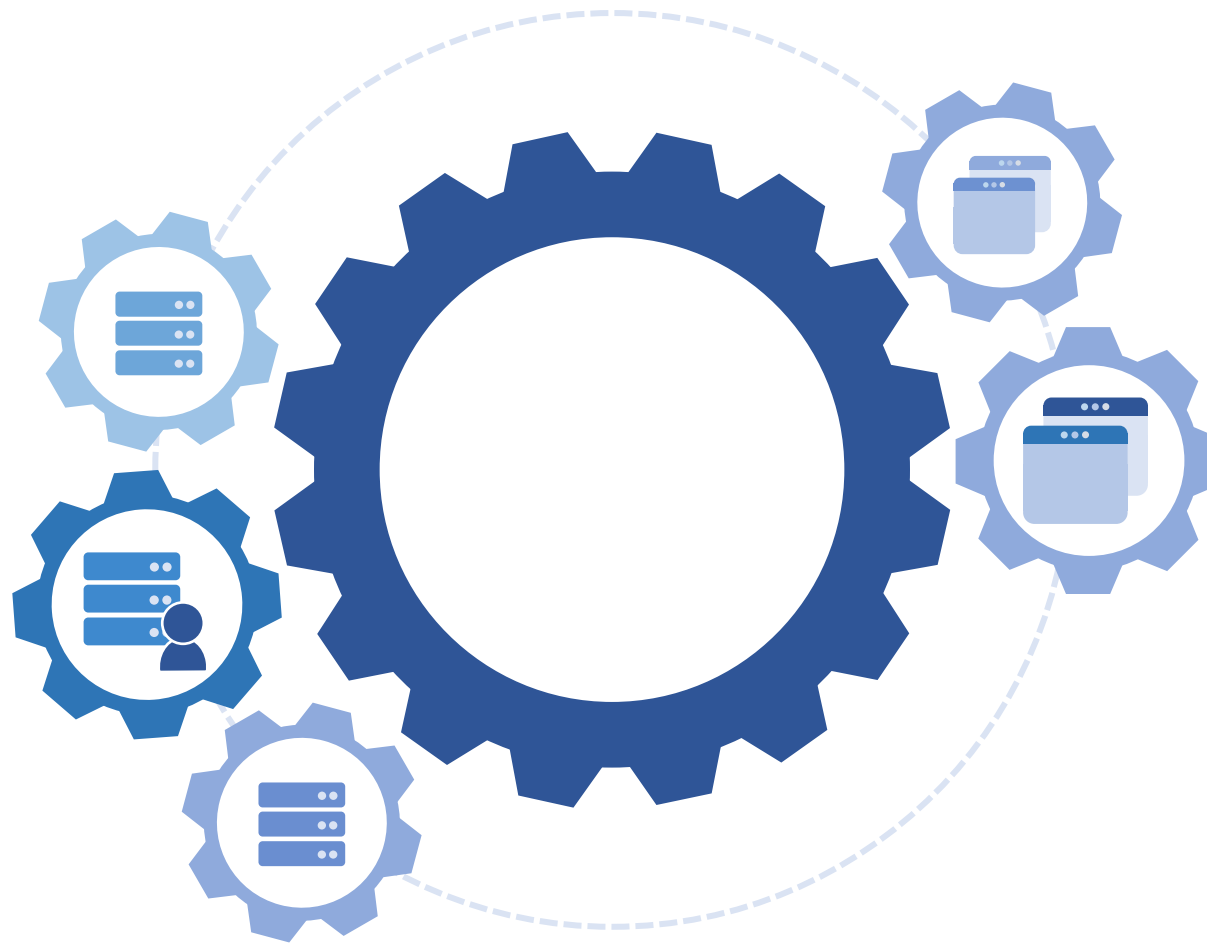
# How Can IGA See into the Future?

- Simulations
  - Which attributes will be changed?
  - Which permissions will be removed/added?
  - How many accounts will be deactivated?
  - How will rules be applied?
- See the future of identities





# IGA Purpose



# Simulations in Action

### Simulation task details

Start timestamp	April 20, 2023 at 10:39:54 AM UTC
End timestamp	April 20, 2023 at 10:40:01 AM UTC
Finished in	7 seconds
Task	Import from LDAP - development simulation
Status	<span style="background-color: #28a745; color: white; padding: 2px;">Finished</span>
Configuration	Development
Added objects	0
Deleted objects	5
Modified objects	78
Unmodified objects	39
All processed objects	122
Errors	0

### Event marks

Focus activated	0	More info
Focus deactivated	0	More info
Focus renamed	0	More info
Focus assignments changed	0	More info
Focus archetype changed	0	More info
Focus parent organization refere...	0	More info
Focus role membership changed	0	More info
Projection activated	0	More info
Projection deactivated	5	More info
Projection renamed	0	More info
Projection identifier changed	0	More info
Projection entitlement changed	0	More info
Projection password changed	0	More info
Resource object affected	5	More info

[← Back](#) **Processed objects**

<input type="checkbox"/>	^ Name	Event mark <span style="font-size: 0.8em;">i</span>
<input type="checkbox"/>	<div style="display: flex; align-items: center;"> <div> <p>uid=alopez,ou=people,dc=example,dc=com (Account uid=alopez,ou=people,dc=example,dc=com (default) on LDAP)</p> <p><span style="color: #007bff;">◆</span> Projection deactivated, Resource object affected</p> </div> </div>	
<input type="checkbox"/>	<div style="display: flex; align-items: center;"> <div> <p>uid=hacker,ou=people,dc=example,dc=com (Account uid=hacker,ou=people,dc=example,dc=com (default) on LDAP)</p> <p><span style="color: #007bff;">◆</span> Projection deactivated, Resource object affected</p> </div> </div>	
<input type="checkbox"/>	<div style="display: flex; align-items: center;"> <div> <p>uid=mail-service,ou=people,dc=example,dc=com (Account uid=mail-service,ou=people,dc=example,dc=com (default) on LDAP)</p> <p><span style="color: #007bff;">◆</span> Projection deactivated, Resource object affected</p> </div> </div>	
<input type="checkbox"/>	<div style="display: flex; align-items: center;"> <div> <p>uid=spamassassin-service,ou=people,dc=example,dc=com (Account uid=spamassassin-service,ou=people,dc=example,dc=com (default) on LDAP)</p> <p><span style="color: #007bff;">◆</span> Projection deactivated, Resource object affected</p> </div> </div>	
<input type="checkbox"/>	<div style="display: flex; align-items: center;"> <div> <p>uid=test123,ou=people,dc=example,dc=com (Account uid=test123,ou=people,dc=example,dc=com (default) on LDAP)</p> <p><span style="color: #007bff;">◆</span> Projection deactivated, Resource object affected</p> </div> </div>	

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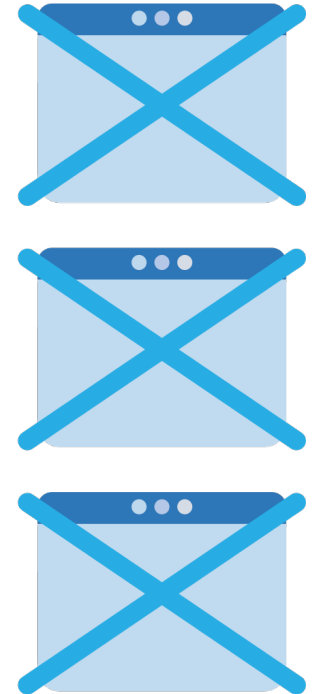
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# Simulations in Action

- Synchronization would remove CEO accesses
  - Affected 3 business critical applications
- Abort! Immediately!



# Simulations in Action

- Introduce a new rule
  - SoD
  - Auto-assignment policy
- Users with a violation need to be reviewed
- How many violations can be expected?



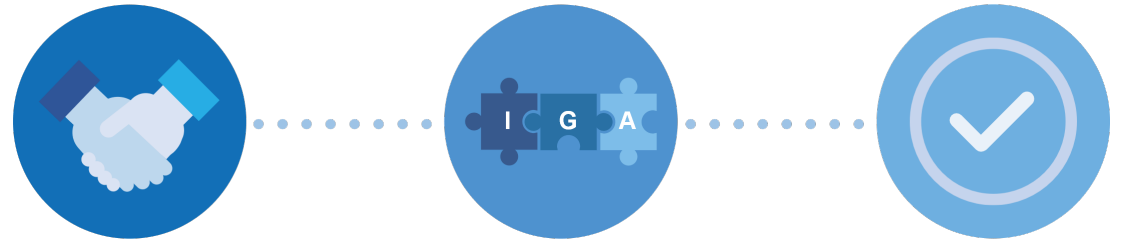
# Why Would It Even Be Important To See into the Future?

- To see and predict the future
- To see what will happen
- A chance to fix configuration issues, data inconsistencies
- To understand your processes, rules, and policies better



# What Benefits Does It Bring to See into the Future?

- Build trust among stakeholders
- Increase confidence in IGA
- Help find answers to different questions



# Conclusion



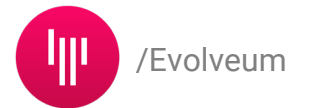
- Simulations at a glance
  - Verify your configuration
  - See and eliminate the shortcomings in your data and processes
  - Improve the communication between the integrator and customer
  - Build stronger and more trustworthy relationships



# Thank you for your time

Do you have any **questions**? Feel free to contact us at [info@evolveum.com](mailto:info@evolveum.com)

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