



Breaking Legacy Barriers:
**Allianz's Journey to Rapid
Modernization**

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How we got BIRT to fly again

Agenda

1

Intro
The Life of the
Zookeeper

2

Old BIRT
Legacy & Challenges

3

The Great Zoo
Transformation

4

New BIRT
Result and value

5

Future of
the Zoo

6

Lessons Learned

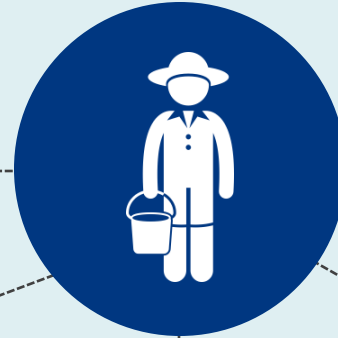
Part 1

The Life of the Zookeeper



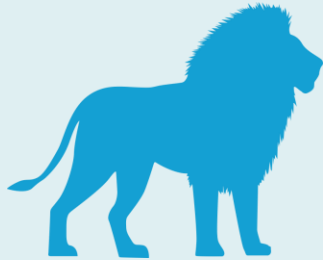
The IT Zoo reality

Internal



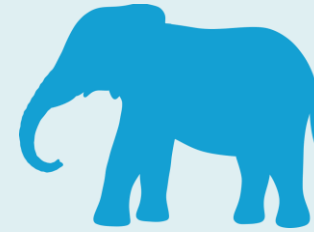
Mainframes

Powerful but expensive to feed



Legacy databases

Never forget, slow to move



Quick fixes

Create chaos

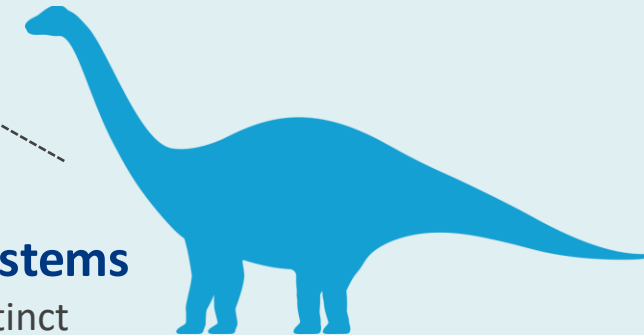
Custom apps

Beautiful but fragile



End-of-life systems

Should be extinct



Every Year, the Zoo gets bigger



More species added, higher maintenance costs

Fewer people know how to care for each animal

Visitor (user) experience deteriorating

Compliance inspectors getting concerned

The hidden costs



Specialized
zookeepers
SME
dependence

Separate
habitats
Infrastructure
proliferation

Security
fencing
Individual
system security

Regulatory
compliance
Across
different species

Visitor
confusion
Poor user
experience

The challenge

Can we leverage AI and Pega as a platform to consolidate the zoo?

From

- Fragmentation (Chaos)
- Individual enclosures
- Reactive maintenance

To

- Harmony
- Integrated ecosystem
- Proactive management



A Real Zoo Story

Allianz OE Application Landscape

130+

Applications



Rising costs



Limited agility



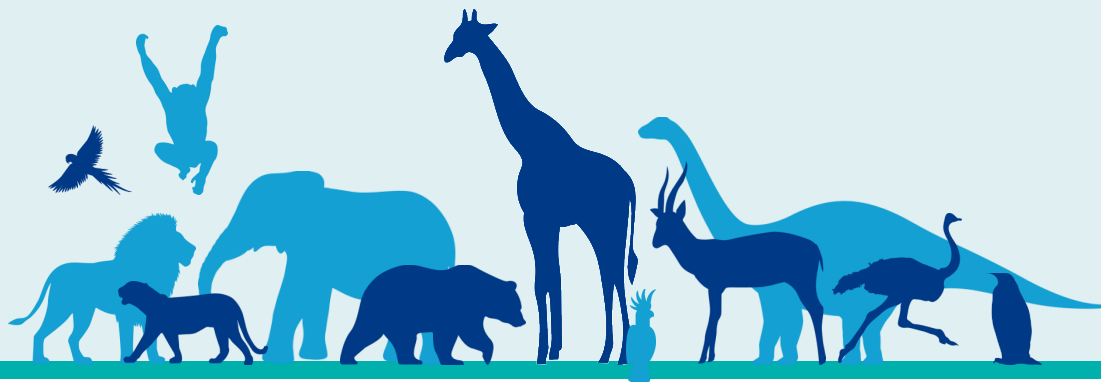
Different feeding schedules



Species don't interact optimally



Specialist knowledge



Target

15-20% cost reduction needed

Part 2

Old BIRT – legacy and its challenges



BIRT – the exotic dinosaur

What BIRT is

- Tool for Business Integrity Reviews (Claims/Underwriting compliance)
- Manages questionnaires, findings & reports
- A rare species with deeply embedded business logic

Why it's legacy

- A caged bird in a desktop file-based Eclipse app
- Needs special care with heavy SME dependence to enhance & maintain
- Lacks key business features

Why users were unhappy

- It cannot fly with others, no parallel collaboration possible
- Outdated UX
- Missing modern features (analytics, integration)
- Complex workflows & tasks outside the tool



Reverse engineering

Forward engineering

Part 3

The great zoo transformation



Meet the Transformation Ranger Team



- ✓ **GenAI Rangers**
Assessed the bird's instincts (rules, flows, logic, data)
- ✓ **Blueprint Architects**
Redesigned the wings with future state process + UX
- ✓ **Pega Platform Engineers**
Built a modern, integrated habitat (platform, automation, collaboration)

GenAI changes the economics of legacy modernization

GenAI accelerates every step of transformation - empowering clients to evolve from legacy systems to an adaptive, agentic enterprise

Legacy Assessment

- AI-powered code discovery
- Contract & process mining
- Knowledge extraction

Application Modernization

- GenAI-assisted code conversion
- Automated documentation
- Intelligent testing

Process Transformation

- AI-driven workflow redesign
- Digital worker integration
- Smarter case management

Data & Insight Modernization

- GenAI knowledge assistants
- Decision intelligence
- Predictive/Prescriptive analytics

Autonomous / Agentic Enterprise

- Agentic AI orchestrating processes
- Self-adapting systems
- Enterprise-wide automation

Pega Blueprint

GenWizard

Notes to Blueprint

AWS Transform (Mainframe)

Reverse Engineering via Agentic AI

Digital Twin

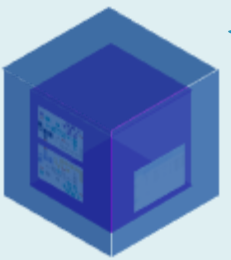
ADMP

AI Refinery/Trusted Huddle

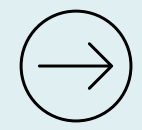
POC: legacy modernization – how our approach works

Fast-tracked legacy system reinvention

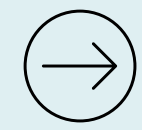
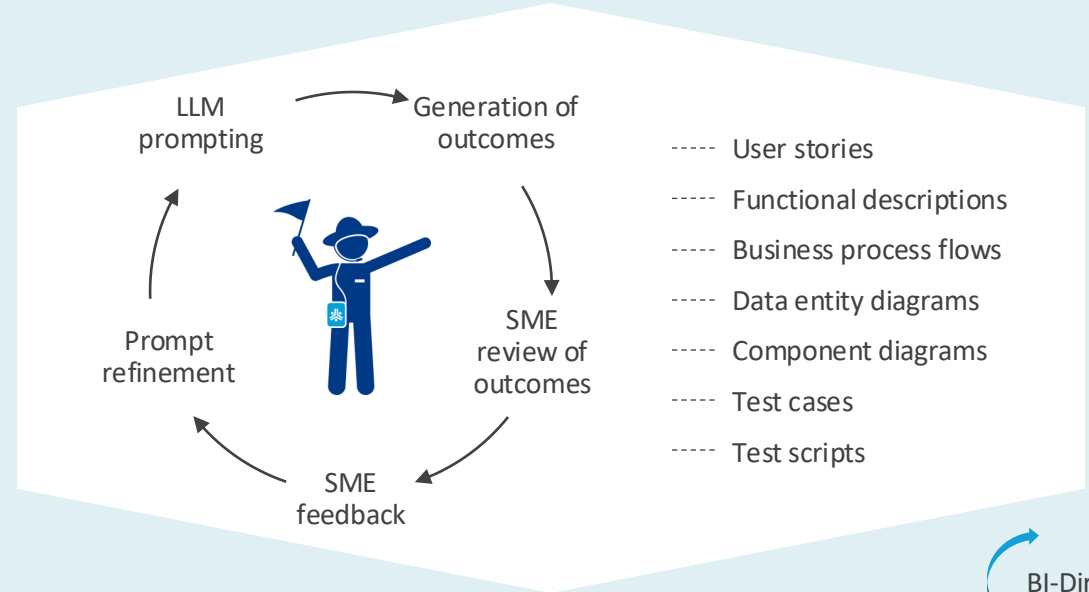
Monolithic application



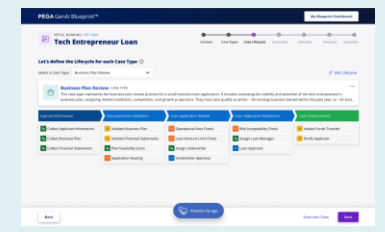
Import of legacy source and supporting code files, plus functional documents
SME provided walkthrough and documentation



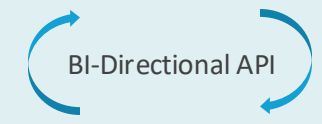
accenture GenWizard™
Analyze "happy path" of legacy applications with an LLM and RAG, informed by decades of Accenture tools and knowledge
Uncover business requirements with components built for Pega



Pega GenAI + **Blueprint™**



Generate workflows in real-time pushed from GenWizard
Inject new automations & ways of working, informed by Pega best practices
Deploy cloud-native cases on a new or existing Pega application



Transformation End2End

In eight weeks, we went from a grounded legacy bird to a flying, collaborative, modern application.

Assessment



Candidate Selection

Leverage our assessment **framework and expertise**.

Which legacy apps **fit to Pega**? What is the **ROI** of the case? Which **RE approach** is the best fit?

Accelerated pure analysis to 3 weeks

Reverse Engineering



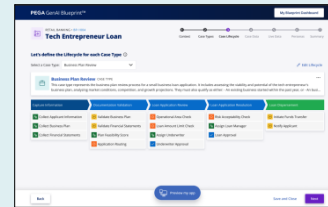
Process discovery

GenAI powered **extraction from code and documents**.

Outcome is mapped to Pega processes, data model and business logic.

Auto-analysis of 87,000 LOC

Test Drive



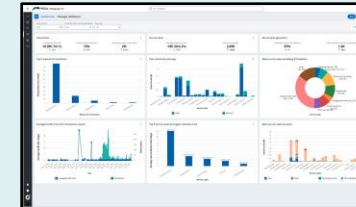
Process Modernization

Reimagine your legacy application with Blueprint and **define the target state**.

Outcome is a **pilot app**.

Generated 230+ user stories, 120 test cases

Prototype

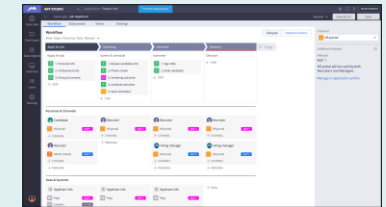


Prototype build

Import Blueprint and complete prototype build by Pega and Accenture with client reviews

Enabled 75 % direct reuse of RE-artifacts

Production-Ready



Complete App build

Finalize application build with new features and wish list items by Accenture.

Outcome is a **production-ready app**.

MVP app built and demo-ready within 4 weeks

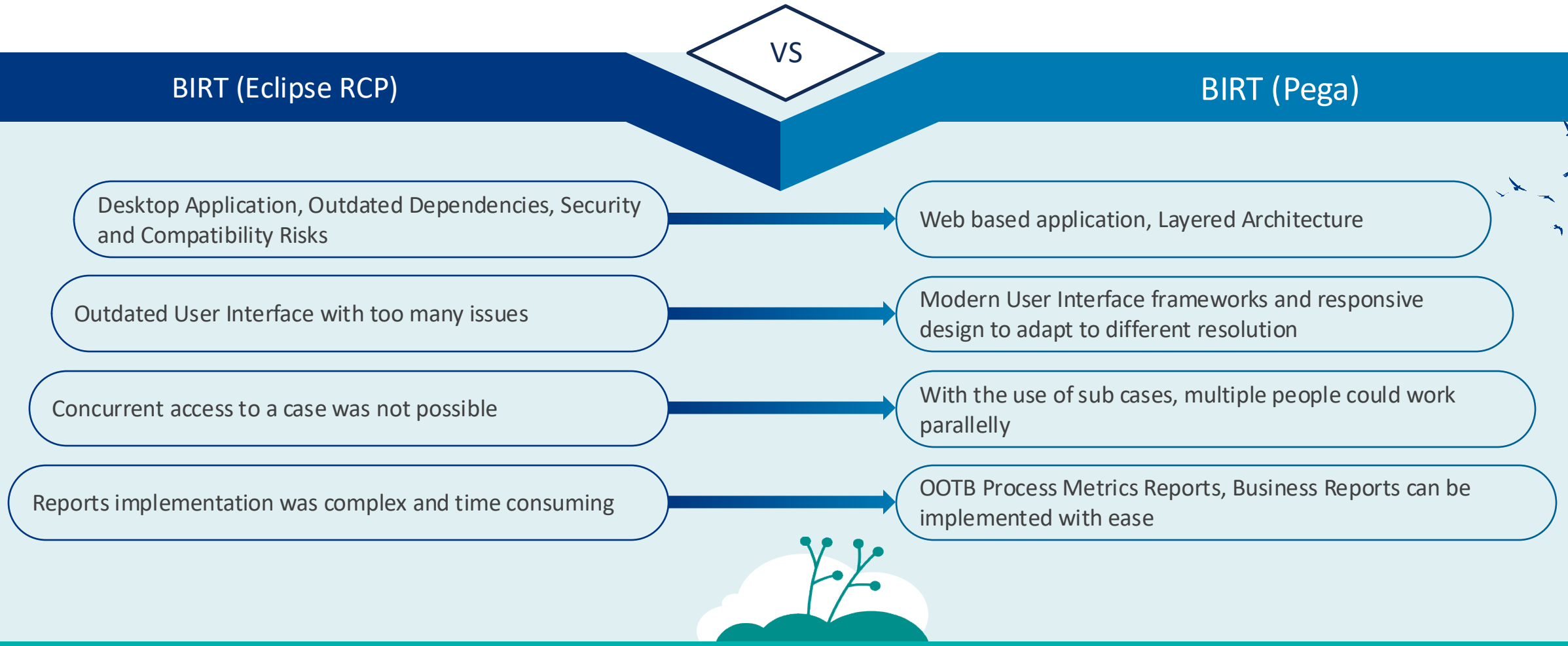


Part 4

This is the moment where the bird leaves the cage!



Modernizing Eclipse RCP Application to Next-Gen Pega Solution



From this...

BIRT PROD 2.4.0

File Edit Review Set Template Help

Review Set Settings Case Files Overview Assessment Assessment Overview Review Score Summary Executive Summary

Case Files Overview

List of Case Files included in the Review Set

Case File Number	Review Status	Policy Number	Insured	Inception date	Expiration date	General Policy Limit (Gross) – AGCS Share
1	New	XYZ123456	Case File 1	01.05.2025	01.05.2026	5000
2	New	ABC123456	Case File 2	02.05.2025	02.05.2026	10000

+ Add ✕ Delete Import Copy Edit Reset

...to this

BIRT Underwriting Portal All Search...

Underwriting Portal

My Work 8 results

- Create - Create Finding
In Findings and Recommendations (F-17005) · NEW · Urgency 20 Go
- Create - Create Finding
In Findings and Recommendations (F-17006) · NEW · Urgency 20 Go
- Create - Create Finding
In Findings and Recommendations (F-17007) · NEW · Urgency 20 Go

[Show more](#)

Underwriting case files 409 results Search ↕

Case ID	Urgency	Line of Business	Work Status	Review Start Date	Review End Date	Assigned Reviewer
C-16014	10	Financial Lines	NEW	5/12/25	5/26/25	--
C-12001	10	Art	RESOLVED-COMPLETED	5/5/25	5/19/25	Valeria Kube
C-31039	10	Cyber	NEW	9/10/25	9/17/25	Chitesh.Goyal
C-17003	10	Art	RESOLVED-COMPLETED	5/13/25	5/27/25	Valeria Kube
C-33026	10	Cyber	NEW	9/16/25	9/23/25	Denis Wiegner
C-16037	10	Aviation	RESOLVED-COMPLETED	5/13/25	5/27/25	Valeria Kube
C-18001	10	Cyber	NEW	5/19/25	6/2/25	Eilscha.Gottmann
C-11080	10	Entertainment	RESOLVED-WITHDRAWN	4/30/25	5/14/25	vitali.graf
C-18002	10	Cyber	NEW	5/19/25	6/2/25	Eilscha.Gottmann
C-33027	10	Cyber	NEW	9/16/25	9/23/25	Pradip Kumar
C-18003	10	Entertainment	RESOLVED-COMPLETED	5/20/25	6/3/25	oleg.shepelev



Status of Underwriting Business Reviews

Status	Count	Percentage
New	51	51%
Resolved-Cancelled	9	9%
Resolved-Completed	10	10%
Resolved-Rejected	2	2%
Others	2	2%

From this...

Review Set Settings

General Information

Business Area	UNDERWRITING	
Line Of Business	UFR 22	
Template ID	4080	
Template Version	202201.016	
Review Set ID	32201	
Review Set Name	<input type="text" value="test reviewset."/>	
Master Review Set	<input checked="" type="checkbox"/> Please note : To be selected by the lead reviewer while creating the final, consolidated review set	
Line of Business (!)	<input type="text" value="ART"/>	
OE Under Review (!)	<input type="text" value="Germany"/>	
Lead Reviewer (!)	<input type="text" value="Maximilian Deingruber"/>	
Lead Reviewer Office	Germany	
Co Reviewer 1 (!)	<input type="text"/>	Co Reviewer 1 Office
Co Reviewer 2	<input type="text"/>	Co Reviewer 2 Office
Co Reviewer 3	<input type="text"/>	Co Reviewer 3 Office
Co Reviewers / Independent Reviewers(!)	<input type="text"/>	
Review Start	<input type="text" value="11.12.2024"/> 	
Review End	<input type="text"/> 	

...to this

PEGA BIRT

Admin Portal

Work Queue 1 result

Get 4eyes Feedback
In Business Review (BR-13001) • NEW • Urgency 0

Tasks 47 results

Display Finding Details
In Findings (F-33002) • NEW • Urgency 20

Display Finding Details
In Findings (F-34006) • NEW • Urgency 20

Review Business Review Assessment
In Review Feedback (R-1120341) • ERROR: FLOW REMOVED • Urgency 20

My Business Review 35 results

Business Revi...	Current stage	Business ...	Revi
BR-13001	initiate 4Eyes Check	Underwriting	—
BR-10002	Generate Final Report	Underwriting	Ger
BR-71004	Create Review Set	Underwriting	—
BR-60004	Create Review Set	Underwriting	—
BR-10004	Generate Final Report	Underwriting	FILi
BR-8	Generate Final Report	Underwriting	Cyb
BR-29003	Generate Final Report	Underwriting	Cyb
BR-10001	Generate Final Report	Underwriting	—
BR-9003	Generate Final Report	Underwriting	Cyb
BR-30001	Generate Final Report	Underwriting	FILi
BR-32001	Generate Final Report	Underwriting	Cyber Croatia UFR 2026

Create Business Review (BR-77001)

Create Review Set

Business Area: Underwriting | Line of Business: []

TemplateID: Select...

OE Regions: []

Regional Scope Comment: []

Review Start Date: 05/13/2026 | Review End Date: 05/20/2026

Draft Report Due Date: 06/03/2026 | Final Report Due Date: 06/17/2026

Lead Reviewer: Maximilian Deingruber

Review Set Name: []

Review Scope and Objectives: []

Buttons: Cancel, Next

Countries	Review Start ...	Review End ...
China	Apr 9, 2026	Apr 10, 2026
Germany	Apr 8, 2026	Apr 15, 2026
—	May 11, 2026	May 18, 2026
—	May 6, 2026	May 13, 2026
"Brazil"	Apr 8, 2026	Apr 15, 2026
Germany	Jan 15, 2026	Jan 22, 2026
"India"	Apr 21, 2026	Apr 28, 2026
"Australia","China"	Apr 8, 2026	Apr 15, 2026
"Austria","Czech ...	Apr 7, 2026	Apr 14, 2026
"UK "	Apr 21, 2026	Apr 28, 2026
"Croatia"	Apr 22, 2026	Apr 29, 2026

From this...

BIRT PROD 2.4.0

File Edit Review Set Template Help

Review Set Settings Case Files Overview Assessment Assessment Overview Review Score Summary Executive Summary

Review Set	Assessment
Review Set	0,00
[0,00] Case Files	0,00
[0,00] Case File 1	0,00
[0,00] Case File 2	0,00

[0,00] Case File 1	Assessment
[0,00] Case Overview	0,00
[0,00] Case Overview	0,00
[0,00] Risk / Exposure Analysis	0,00
[0,00] Risk / Exposure Analysis	0,00
> [0,00] Coverages / Wordings	0,00
> [0,00] Pricing	0,00
> [0,00] Underwriting Governance and	0,00
> [0,00] General UW Handling Topics	0,00

Q Nr	Weight	Text	Answers
201		Insured (Legal Name)	<input type="text" value="Case File 1"/>
202		Policy number	<input type="text" value="XYZ123456"/>
203		Policy Inception Date	<input type="text" value="01.05.2025"/>
204		Policy Expiration Date	<input type="text" value="01.05.2026"/>
205		General Policy Limit (Gross)	<input type="text" value="500,00"/> EUR
206		Insured Period Premium (GPW)	<input type="text" value="234,00"/> EUR
207			<input type="text"/>
208		Transaction Type (New, Renewal, Other)	<input type="text" value="New"/>
209		Industry	<input type="text" value="Tech"/>

...to this

The screenshot displays the PEGA BIRT Business Review interface. At the top, a navigation bar shows the current step: 'Create Case Files', with other steps like 'Create Review Set', 'Fill Executive Summary', 'Initiate 4Eyes Check', 'Alignment with OE', and 'Generate Final Report' visible. The main content area is a modal titled 'Create Case Files in Review Set' assigned to Maximilian Deingruber. It lists two case files: '1. Case File' and '2. Case File', each with a trash icon. Below the list is an '+ Add Case File' button. At the bottom of the modal are 'Cancel', 'Save for later', and 'Submit' buttons. A 'Details' section on the right provides metadata for the review set, including lead reviewer, co-reviewers, independent reviewer, OE under review, and scores. The left sidebar shows the 'Business Review' details for BR-77001, including work status (NEW), review set name (PEGA World Test Case), business area (Underwriting), line of business (ART), and review dates (May 13, 2026 to May 20, 2026). The sidebar also lists navigation options like 'Case File List', 'Assessment Overview', 'Findings and Remediation Actions', 'Category Scores', 'Executive Summary Details', '4Eyes Review Comments', 'Pulse', and 'History'.

Work Status	NEW	Total Number of Case Files	0
Review Set Name	PEGA World Test Case		
Business Area	Underwriting		
Line of Business	ART		
OE Under Review	USA		
Review Start Date	May 13, 2026		
Review End Date	May 20, 2026		
Case Files Completeness	0%		
Total Calculated Review Score	—		
Created	Maximilian Deingruber 3 minutes ago		
Updated	Maximilian Deingruber Now		

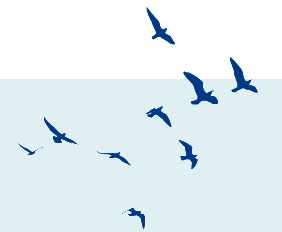
Lead Reviewer	Maximilian Deingruber
Co-Reviewers	Dhana
Independent Reviewer	Dhana
OE Under Review	USA
Total Calculated Review Score	—
Manually Adjusted Score	—
Case ID	BR-77001
Total Number of Case Files	0
Review End Date	May 20, 2026

...and this

The screenshot displays the PEGA BIRT Case File interface for case C-566028. The interface is divided into several sections:

- Case File Summary:**
 - Urgency: 0
 - Work Status: NEW
 - Review Set Name: PEGA World Test Case
 - Business Area: Underwriting
 - Line of Business: ART
 - Assigned Reviewer: Maximilian Deingruber
 - OE Under Review: USA
 - Insured Name: Insured 2
 - Review Start Date: May 13, 2026
 - Review End Date: May 20, 2026
 - Case File Score: —
- Key Case File Details:**
 - Pulse
 - History
 - Case File Category Scores
 - Findings and Remediation Actions
 - Questionnaire Assessment Details
- Assess Case Files Progress:**
 - ✓ Create Case File
 - ✓ Input Details
 - Assess Case Files** (Current Step)
 - Review and Close
- Complete Questionnaire:**
 - Assigned to Maximilian Deingruber • In C-566028 • Urgency 0
 - Please expand categories to answer questionnaire
 - Risk & Exposure Analysis**
 - Wording / Coverage assessment**
 - Question 1: How was the coverage assessment executed?
Select...
 - Question 2: Were all relevant topics* checked accordingly?
Select...
*Incl. wording analysis, assessment of endorsements, etc.
 - Pricing**
 - Underwriting Governance & Compliance Processes**
 - UW Handling Topics**

The new digital ecosystem



What the Animals Gained

- Better health (Maintainable, modern code)
- Social interaction (Integrated processes)
- Regular check-ups (Built-in monitoring)
- Room to grow (Scalable platform)
- Automated care (Workflow automation)

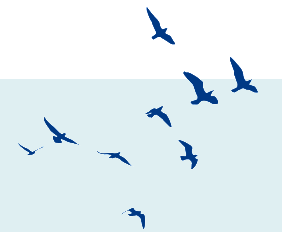
The new digital ecosystem



What the Visitors Gained

- Information in one place (5-15 minutes saved per case)
- Guided pathways (Structured workflows)
- Self-service options (Reduced dependency)
- Faster resolution (Higher first-time success rates)

The new digital ecosystem



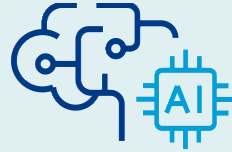
What IT Gained

- 15-20% cost reduction achieved
- Reduced maintenance burden
- Standardized operations
- Enhanced security and compliance
- Faster innovation cycles



ROI across all the dimensions

Employee Satisfaction
Better tools and processes



Maturity
AI / agent readiness



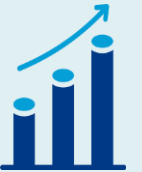
Customer Experience
Faster, more reliable service



Operational Efficiency
Process optimization



Scalability
Platform grows with business needs



Cost Reduction
Automated workflows



Risk Reduction
Modern, compliant, secure systems

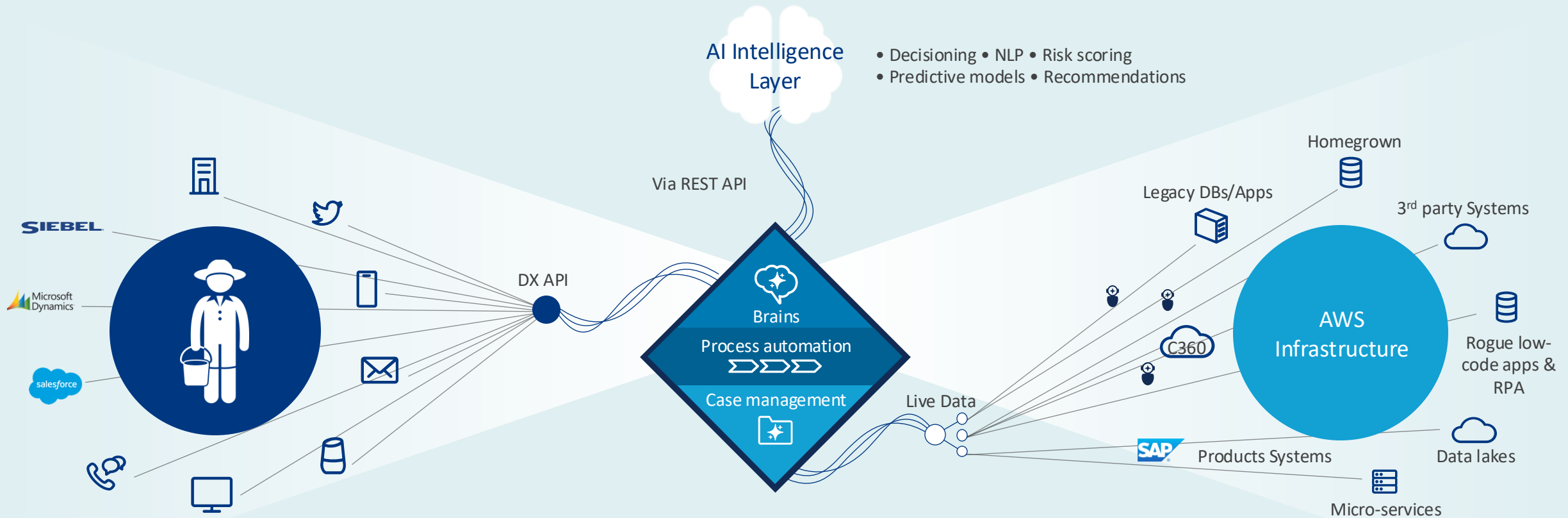
Part 5

The future of the zoo



AI Without Disruption

Plugging an intelligence layer onto Pega — seamlessly



AI Without Disruption

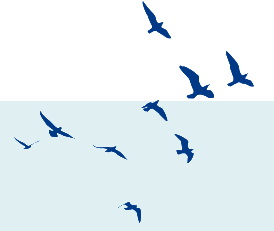
Plugging an intelligence layer onto Pega — seamlessly

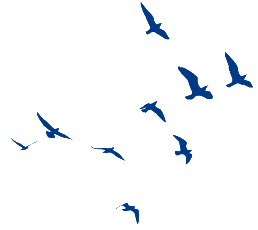
What it means for business

- Remove manual, repetitive tasks for users
- Focus their time on claim handling
- Less administrative tasks
- AI system connected to Pega, focus on real claims processing
- Pega/AI to do non exciting tasks

What it means for our customers

- Faster processing for claims. From months to days.
- We can build a seamless integration.
- Almost real time result.





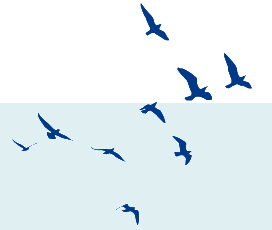
Part 6

Lessons learned



Lessons learned as rangers and zoo keepers

- Don't underestimate the modernization efforts
 - Pega expertise is needed
 - Ensure to have a consistent team
 - Technical lead LSA
 - Project lead
 - Consider Pega version changes
- Scope management!
 - Whole transformation
 - MLP1
 - Smallest scope for the prototype
 - Technology evolves fast! Blueprint and GenW have changed a lot until today.
 - Internal governance and stakeholder alignment must keep up with fast-paced project timelines – a critical challenge.



Q&A

Ready to transform your zoo?

