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NextStep Comes To You 2021



Begrüßung



„Project NEO“



OutSystems Use Cases



Live Demo

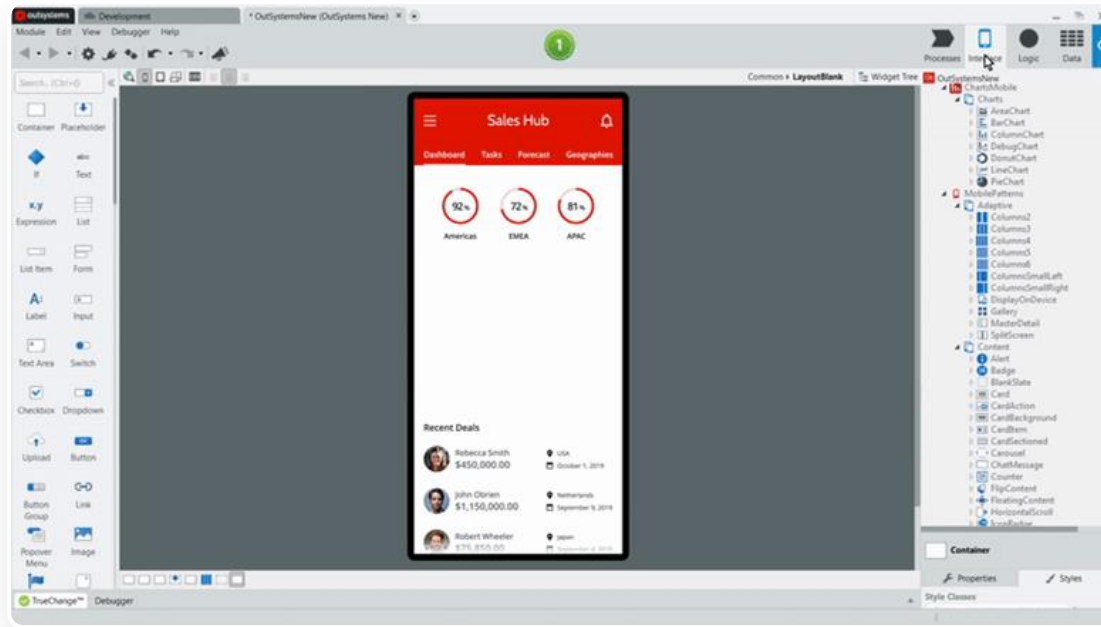


Fragen & Antworten



„Project NEO“

"Give every organization the **power to innovate** through software"



Warum ist das für **jede** Organisation so **schwierig**?

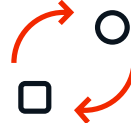


Ständig wachsende Backlogs

Komplexität geht zu Lasten der Entwickler

Schwierige Trennung zwischen Fachbereich und IT

Mangel an Experten



Immer anspruchsvollere NFRs

Geschwindigkeit vs. Qualität

Security ist sehr schwierig

Skalierbarkeit & Zuverlässigkeit erzeugen zusätzliche Komplexität



Permanente Änderungen

Änderungen werden sehr schnell benötigt

Permanent gibt es neue Technologien

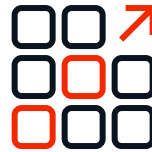
Personalwechsel

Mit OutSystems 11 haben wir eine **moderne** Anwendungsplattform



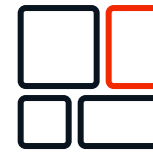
Build it Fast

Serious Productivity



Build it Right

Serious
Applications



**Build for the
Future**

Platform for
change

Welche den **Großteil** der Herausforderungen löst

Customer Experience Transformation

Revenue
Market Share
Kundenzufriedenheit
NPS
CaC

Workplace Innovation

Employee
Satisfaction
Safety
Retention
Productivity

Process Automation

Cost Reduction
Operational Efficiency
Process Efficiency

Application Modernization

Infrastructure Cost
Reduction
COTS Licensing
Replacement
IT Simplification

Und welche regelmäßig von den Kunden **für neue Anforderungen genutzt** wird

Use cases

Massive number of end users (+5M)
High transaction volume

Development Process

Massive development teams
Complex architectural dependencies

Operations

Huge Factory setups (+10k AOs)
Huge Deployment packages (hours)

Administrative tasks

Complex platform upgrades
Security setups and other governance needs


Gleichzeitig empfinden Kunden die Cloud durch Ihrer Komplexität als ein **“falsches Versprechen”**



Das führt dazu, dass die Herausforderungen noch viel größer werden

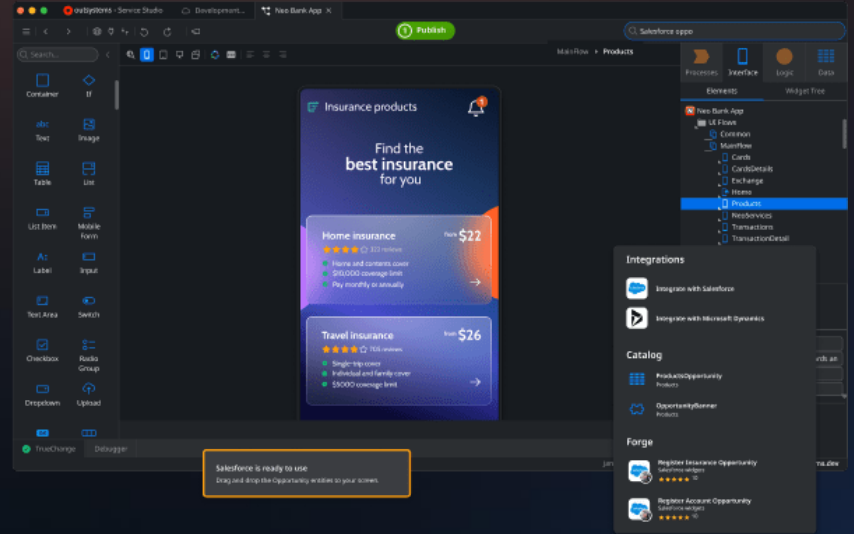
Diverse Cloud Anbieter stehen zur Verfügung

Mit einem eigenen Set an Technologien, Sprachen, Tools und Funktionen.

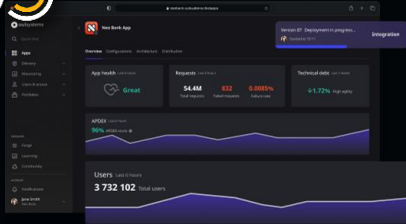
Alleine AWS hat mehr als 60 services die 9+ Programmiersprachen erfordern  outsystems



CODENAME Project Neo



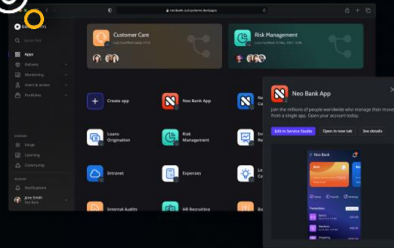
OutSystems Neo



Serious Productivity

Unified development
experience

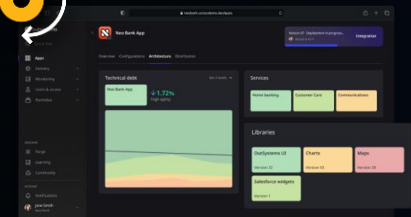
Elite software delivery
Thru modern CI / CD



Serious Apps

State-of-the art cloud
infrastructure


Build any app for any use
case



Built for Change

Always up-to-date

Always on

Pain Free  outsystems
Upgrades

Project Neo



Modern
Authentication



Kubernetes



Microservices



Auto-Scale On
Demand



Faster and smaller
platform updates



Aurora
PostgreSQL



Modern Global
CDN



Open
Telemetry



Security by
design

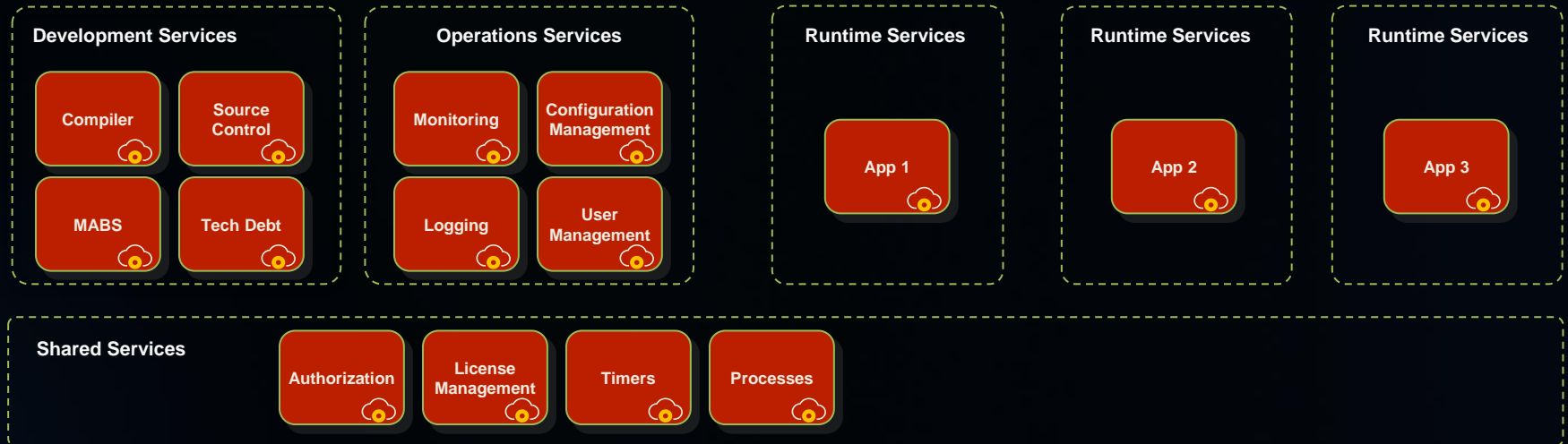


Platform & Runtime
Segregation



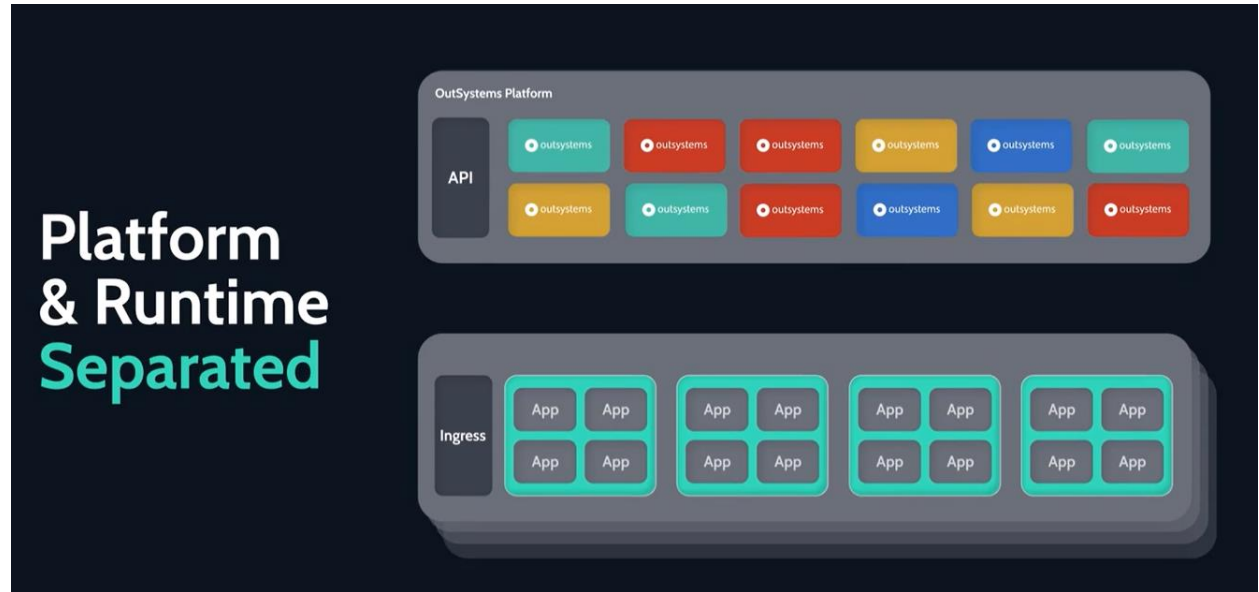
„Project NEO“ - Plattform

Project NEO is a **new product** with a new architectural mindset. **Everything as a Service**



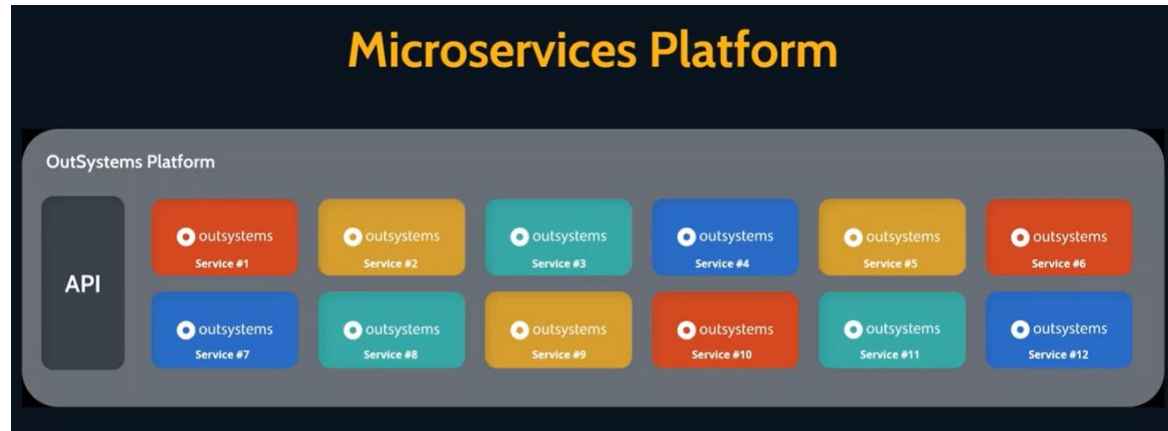
Trennung Plattform und Runtime

- ✓ Trennung der Daten von der Laufzeitumgebung
- ✓ Sicherheit
- ✓ Performance



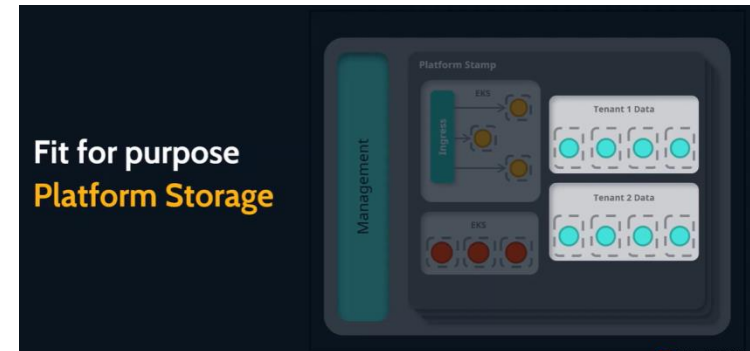
Microservices Platform

- ✓ Jeder Service ist in einem Container
- ✓ Jeder Service hat eine eigene Version
- ✓ Updates ohne Downtime
- ✓ Auto-Skalierung der Plattform nach Bedarf

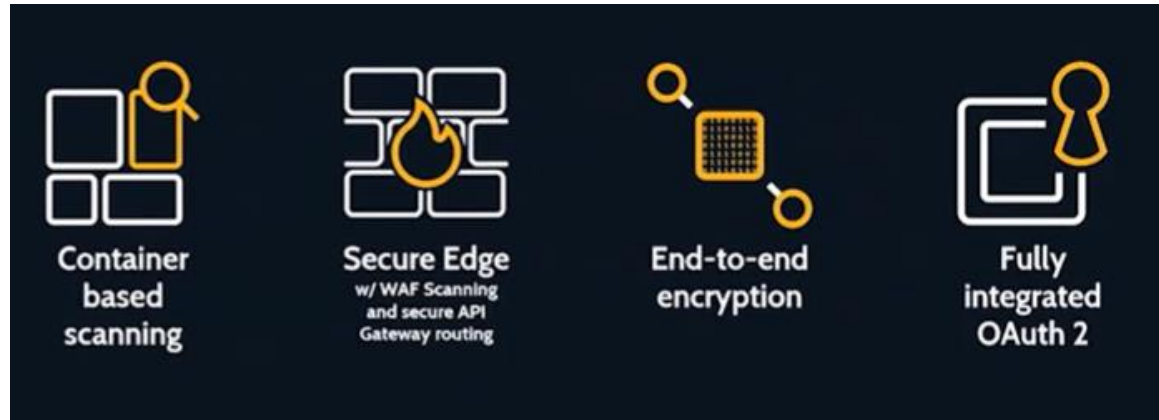


„Fit for purpose“ Platform Storage

- ✓ Heute sind sämtliche Daten in Transaktionalen Datenbanken gespeichert
- ✓ Project NEO – Freie Wahl des Speichers
 - ✓ Transaktionale Daten in Transaktionalen Datenbanken
 - ✓ Objects in S3
 - ✓ Secrets in HSMS
 - ✓ Dokumente in Dokumenten-DBs



„Security by design“





„Project NEO“ - Development

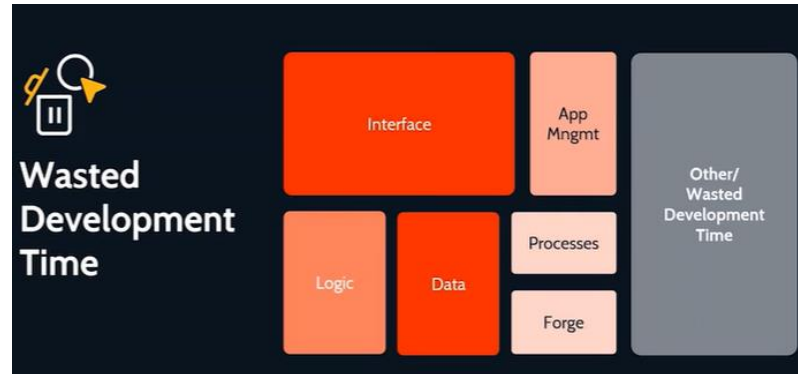
Elastic „One Click Publish“

- ✓ Optimierung der Kompilierungszeiten
- ✓ Komplette Isolation zwischen den Tenants
- ✓ Es muss nicht für jede Umgebung neu kompiliert werden
 - ✓ Verteilung der Container über die Umgebungen (extrem schnell)



Development Productivity Model

- ✓ High-Code: 50% der Entwicklungszeit wird benötigt für „verschwendete Entwicklungszeit“

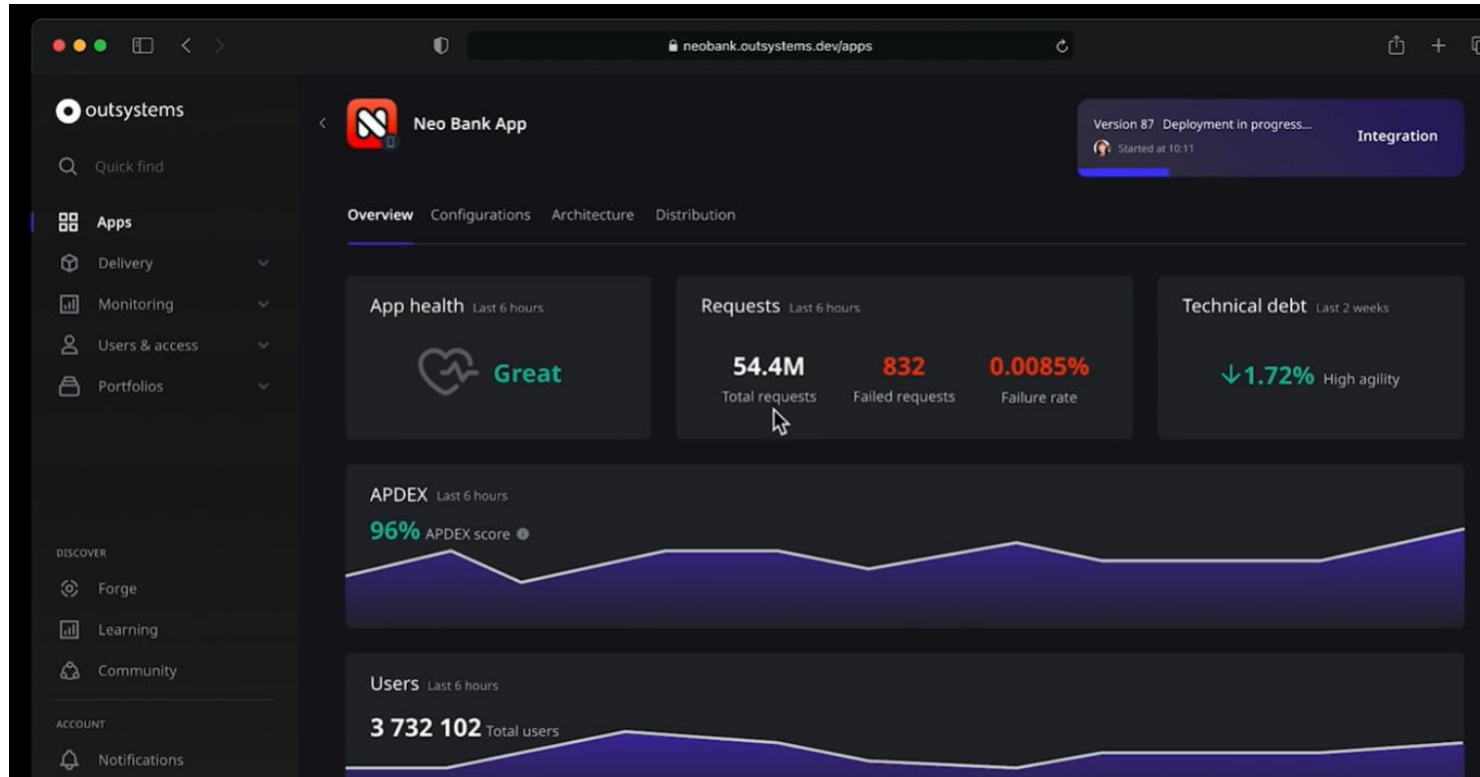


„Unified Personalized Experience“

- ✓ „Manage, monitor and deploy in one single place“

- ✓ Alle Tools in einer Oberfläche
 - ✓ Service Studio
 - ✓ Service Center
 - ✓ Integration Builder
 - ✓ Architectural Dashboard
 - ✓ Lifetime

„Manage, monitor and deploy in one single place“



„Manage, monitor and deploy in one single place“



The screenshot shows the OutSystems Neo Bank App architecture dashboard. The browser address bar displays "neobank.outsystems.dev/apps". The left sidebar includes navigation options: "Apps", "Delivery", "Monitoring", "Users & access", "Portfolios", "DISCOVER" (Forge, Learning, Community), and "ACCOUNT" (Notifications). The main content area is titled "Neo Bank App" and includes a deployment status bar for "Version 87" (Deployment in progress... Started at 10:11). Below this, the "Architecture" tab is active, showing a "Technical debt" section with a "Neo Bank App" card indicating a 1.72% decrease in debt and "High agility". A large area chart displays technical debt over the "Last 2 weeks". To the right, the "Services" section lists "Home banking", "Customer Care", and "Communications". The "Libraries" section lists "OutSystems UI" (Version 32), "Salesforce widgets" (Version 1), "Charts" (Version 65), and "Maps" (Version 28).

„Manage, monitor and deploy in one single place“



The screenshot displays the OutSystems delivery console for the Neo Bank App (Version 87). The interface includes a left-hand navigation menu with options like Delivery, Monitoring, Users & access, and Portfolios. The main area shows the deployment pipeline with stages: Integration, QA, Staging, and Production. A list of deployment events is visible, including 'Deployment started', 'Regression testing', and 'Code analysis'. A notification banner indicates that the Neo Bank App is very easy to change and maintain, with a 'High agility' score shown on a progress bar.

outsystems

Neo Bank App / Version 87

Tag: -

Started by: Jane Smith

RDNXT-010

Add Covid Travel Protection integrated with Salesforce

Integration QA Staging Production

Deployment started 10:11:30

Regression testing 10:11:45

Code analysis 10:11:50

1 Performing static code analysis 2s

2 Analysis finished successfully 3s

Neo Bank App is very easy to change and maintain.

High agility

Application available 10:11:55

„Manage, monitor and deploy in one single place“

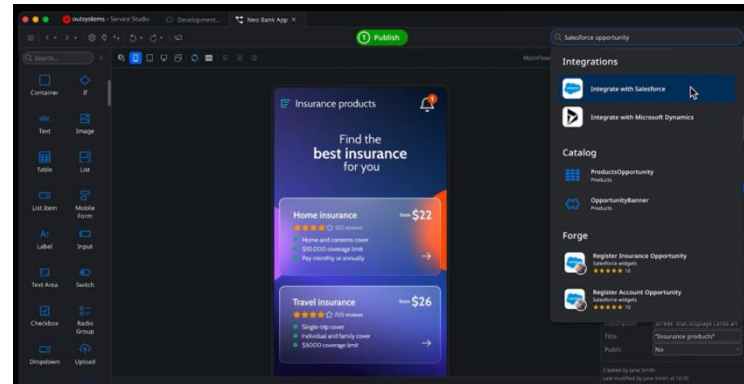
A screenshot of the OutSystems Neo Bank App delivery console. The browser address bar shows "neobank.outsystems.dev/delivery". The page title is "Neo Bank App / Version 87". The main content area shows a deployment pipeline with four stages: Integration, QA, Staging, and Production. The Production stage is currently active. Below the pipeline, there is a list of deployment events:

Event	Time
Impact analysis	10:12:01
Global deployment started	10:12:05
Mobile packages ready for distribution	

The left sidebar contains navigation options: Apps, Delivery, Monitoring, Users & access, and Portfolios. The bottom left corner has sections for DISCOVER (Forge, Learning, Community) and ACCOUNT (Notifications).

Nutzung externer Daten

- ✔ „80% der neuen Anwendungen greifen auf externe Daten zu!“
- ✔ Im Schnitt 40 Stunden an hoch qualifizierten Entwicklern pro Anwendung
- ✔ Die wichtigsten Schnittstellen sind direkt in die Umgebung integriert
 - ✔ SAP
 - ✔ MS Dataverse
 - ✔ MS Dynamics
 - ✔ Mongo DB
 - ✔ Salesforce



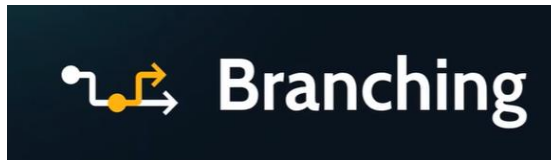
„Libraries as 1st class citizens“

- ✓ Eigener Lebenszyklus
- ✓ Viele Versionen der gleichen Bibliothek
- ✓ Jede Anwendung kann mit einer dedizierten Version der Bibliothek genutzt werden

- ✓ Beispiel:
 - ✓ Großer Kunde will UI/Styling ändern
 - ✓ Statt eines „Big Bangs“ kann gezielt mit einzelnen Applikationen begonnen werden

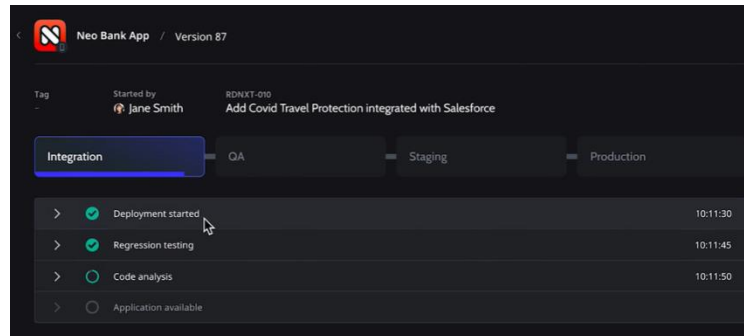
Re-inventing the Continuous Iteration Cycle

- ✔ Automated Code Traceability Throughout the App
 - ✔ Alle Verbindungen und Änderungen zwischen Modulen werden getrackt und an das PM Tool der Wahl übergeben.
- ✔ Branching



Centralized Code Repository

- ✓ OS 11: Jede Umgebung hat ein eigenes Code Repository
 - ✓ Beim Transport muss der komplette Code verschoben und anschließend kompiliert werden.
- ✓ Project NEO: Container (Binary) wird einfach kopiert
 - ✓ Selbst große Deployments laufen in unter 2 Minuten





„Project NEO“ - Vorteile

Vorteile gegenüber „High-Code“

- ✓ Typisches Setup eines „Cloud“-Development Projekts



Enterprise-class
Cloud Solution



Cloud
Architects



Application
Architects



DevOps
Engineers



Network
Engineers



Security
Experts



- ✓ Linux Containers / Kubernetes / Security best practices / CI/CD / Backup / Recovery

Vorteile gegenüber „High-Code“

- ✔ Dies alles mit „High-Code“ zu realisieren ist extrem teuer und aufwändig!!!
- ✔ Bei Project NEO kann dies alles direkt und ohne weitere Invests genutzt werden!!!
- ✔ Selbst kleine Teams können Unternehmenskritische Anwendungen erstellen und betreiben!!!
- ✔ „Alles passiert automatisch“
- ✔ Entwickler können sich auf die Anwendungen konzentrieren



OutSystems 11 ???

OutSystems 11 is our **flagship product** used by thousands of customers worldwide.

OutSystems will **continue improving** by adding **features and enhancements**.

Outsystems 11 Verbesserungen

NOW

Health & Fitness Plugin

NOW

SEO Ranking for Reactive Web

NOW

Email for Mobile and Reactive Apps

NOW

Integration Builder

NOW

Cross-Platform Service Studio (Mac)

FUTURE

Cross-Platform Service Studio

FUTURE

All-in-one Social Login Plugin

FUTURE

HIPAA (Sentry only)

FUTURE

Integration Builder Enhancements

FUTURE

Architecture Dashboard Technical Overview Dashboard

FUTURE

Security agents across all OutSystems Cloud

FUTURE

Security for IT Users

NOW

MABS 8

NOW

New Cloud Regions (Brazil, South Africa and Hong Kong)

FUTURE

Dedicated infra for logging

FUTURE

Optimizations in Solution Publish times

Outsystems 11

- **There's no need to wait**
- **Start with OutSystems 11**
- **The Guarantee framework means there is no financial risk**
- **Preparing the Future with O11 means there is no technical risk**



Fazit

- ✔ OutSystems ist eine Low-Code Anwendungsentwicklungsplattform mit dem Ziel, auch **hochskalierbare** und **anspruchsvolle** Anwendungen zu unterstützen
- ✔ Die Vergangenheit hat gezeigt, dass OutSystems eine **zuverlässiges** und **kundenorientiertes** Unternehmen ist
- ✔ „Project Neo“ beweist, dass OutSystems in die **Zukunft** schaut und massiv in die Plattform **investiert**, um den Kunden auch in Zukunft optimal zu unterstützen
- ✔ Schwerpunkt von „Project Neo“ ist es, „Cloud-native“ Anwendungen äußerst effizient zu **entwickeln** und **betreiben**



OutSystems Use Cases

Erweitern/Umgestalten/Neu bauen

Verschiedene Systeme erfordern verschiedene Ansätze

Extend

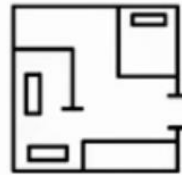
New windows



New UI and
Touchpoints

Refactor

Create new floorplan



New Apps using old
systems

Re-build

Build a new house



Re-envision for the
future

Erweitern/Umgestalten/Neu bauen



Insurance

Mobile & desktop portal
3 month delivery: 50% less than traditional dev

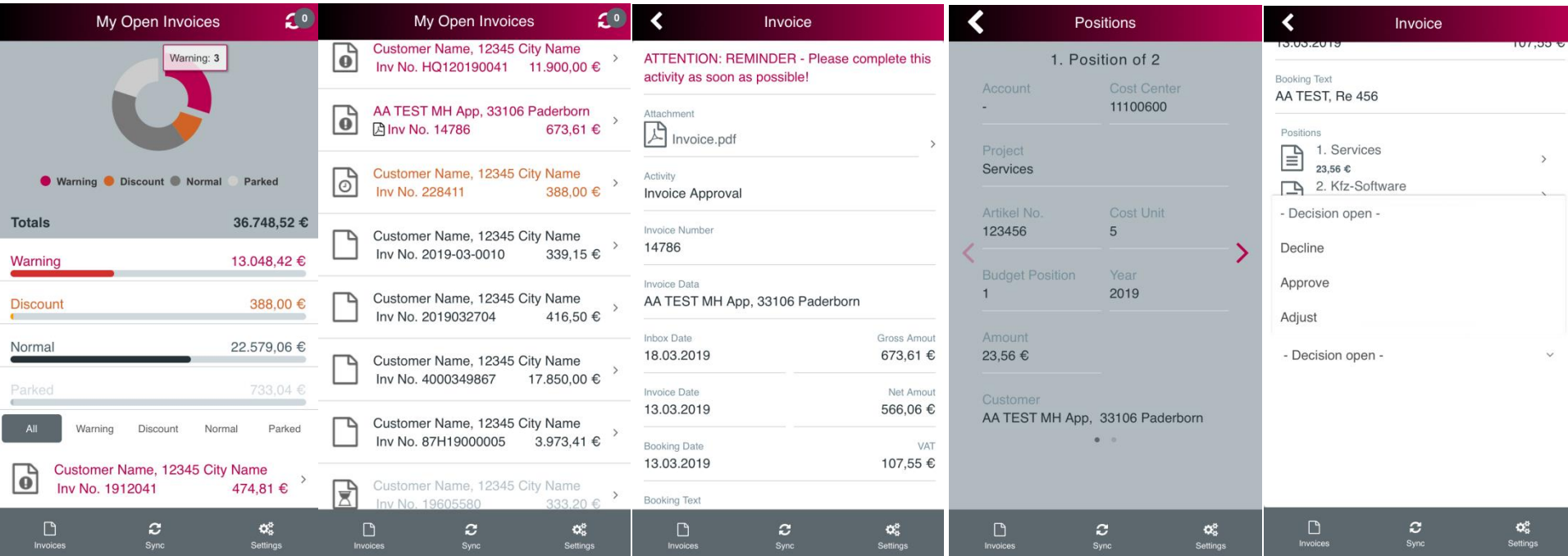


Policies

Claims



Erweitern/Umgestalten/Neu bauen



My Open Invoices Warning: 3

Totals **36.748,52 €**

Warning **13.048,42 €**

Discount **388,00 €**

Normal **22.579,06 €**

Parked **733,04 €**

All Warning Discount Normal Parked

Customer Name, 12345 City Name
Inv No. 1912041 **474,81 €**

Customer Name, 12345 City Name
Inv No. HQ120190041 **11.900,00 €**

AA TEST MH App, 33106 Paderborn
Inv No. 14786 **673,61 €**

Customer Name, 12345 City Name
Inv No. 228411 **388,00 €**

Customer Name, 12345 City Name
Inv No. 2019032704 **416,50 €**

Customer Name, 12345 City Name
Inv No. 4000349867 **17.850,00 €**

Customer Name, 12345 City Name
Inv No. 87H19000005 **3.973,41 €**

Customer Name, 12345 City Name
Inv No. 19605580 **339,20 €**

Customer Name, 12345 City Name
Inv No. 2019-03-0010 **339,15 €**

ATTENTION: REMINDER - Please complete this activity as soon as possible!

Attachment
Invoice.pdf

Activity
Invoice Approval

Invoice Number
14786

Invoice Data
AA TEST MH App, 33106 Paderborn

Inbox Date **18.03.2019** Gross Amount **673,61 €**

Invoice Date **13.03.2019** Net Amount **566,06 €**

Booking Date **13.03.2019** VAT **107,55 €**

Booking Text

1. Position of 2

Account **-** Cost Center **11100600**

Project **Services**

Artikel No. **123456** Cost Unit **5**

Budget Position **1** Year **2019**

Amount **23,56 €**

Customer
AA TEST MH App, 33106 Paderborn

Booking Text
AA TEST, Re 456

Positions

1. Services **23,56 €**

2. Kfz-Software

- Decision open -

Decline

Approve

Adjust

- Decision open -

Dashboard with my open invoices

My open invoices view

Invoice details

Position details

Invoice approval



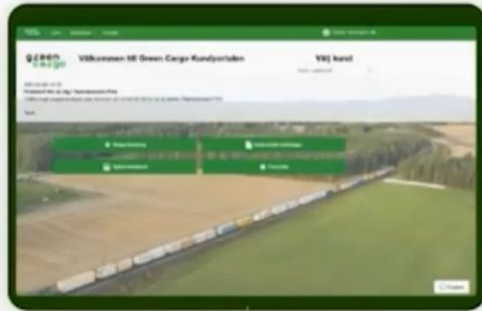
Erweitern/Umgestalten/Neu bauen



Drive Innovation and Incremental Cloud Migration

80% time saving for mobile app

10x estimated cost saving for customer portal



Erweitern/Umgestalten/Neu bauen

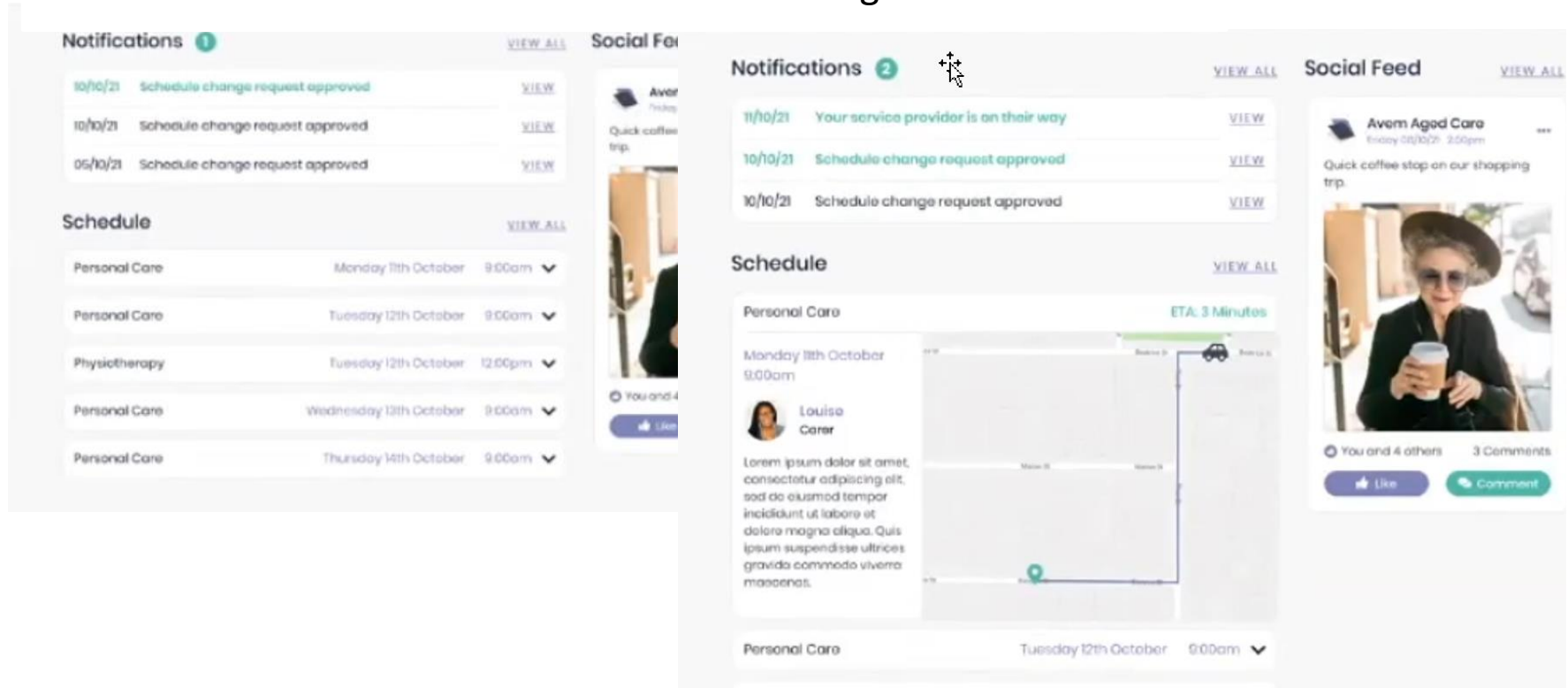


New WW system built and delivered in 12 months
24 hour insight into terminal logistics on full mobile platform



Altenpflege – from Zero to Hero

Probleme bzw. Herausforderungen



Notifications 1 [VIEW ALL](#) **Social Feed**

- 10/10/21 Schedule change request approved [VIEW](#)
- 10/10/21 Schedule change request approved [VIEW](#)
- 05/10/21 Schedule change request approved [VIEW](#)

Schedule [VIEW ALL](#)

Personal Care	Monday 11th October	9:00am	▼
Personal Care	Tuesday 12th October	9:00am	▼
Physiotherapy	Tuesday 12th October	12:00pm	▼
Personal Care	Wednesday 13th October	9:00am	▼
Personal Care	Thursday 14th October	9:00am	▼


Notifications 2 [VIEW ALL](#) **Social Feed** [VIEW ALL](#)

- 11/10/21 Your service provider is on their way [VIEW](#)
- 10/10/21 Schedule change request approved [VIEW](#)
- 10/10/21 Schedule change request approved [VIEW](#)


Schedule [VIEW ALL](#)

Personal Care ETA: 3 Minutes

Monday 11th October 9:00am

 Louise Carer


Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Quis ipsum suspendisse ultrices gravida. Commodo viverra maecenas.



Personal Care Tuesday 12th October 9:00am ▼

Aver Agod Care
Friday 08/10/20 3:00pm

Quick coffee stop on our shopping trip.

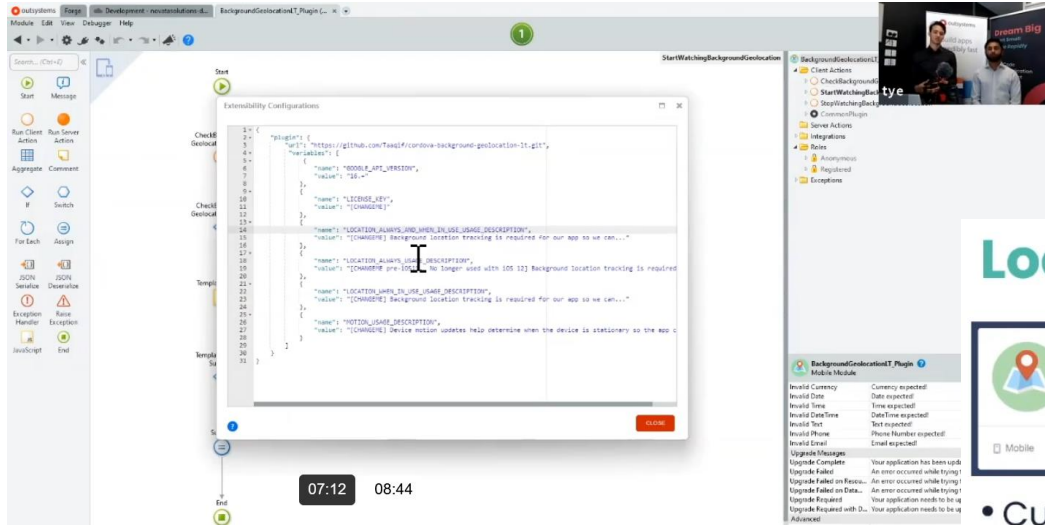


You and 4 others 3 Comments

[Like](#) [Comment](#)

Altenpflege – from Zero to Hero

Freigabe App Store und Play Store



```
17 {
18   "name": "LOCATION_ALWAYS_AND_WHEN_IN_USE_USAGE_DESCRIPTION",
19   "message": "[CONSENT] Background location tracking is required for our app so we can..."
20 }
21
22 {
23   "name": "LOCATION_ALWAYS_USAGE_DESCRIPTION",
24   "message": "[CONSENT] Background location tracking is required for our app so we can..."
25 }
26
27 {
28   "name": "LOCATION_WHEN_IN_USE_USAGE_DESCRIPTION",
29   "message": "[CONSENT] Background location tracking is required for our app so we can..."
30 }
31
32 {
33   "name": "NOTION_USAGE_DESCRIPTION",
34   "message": "[CONSENT] Device motion updates help determine when the device is stationary so the app c...
```

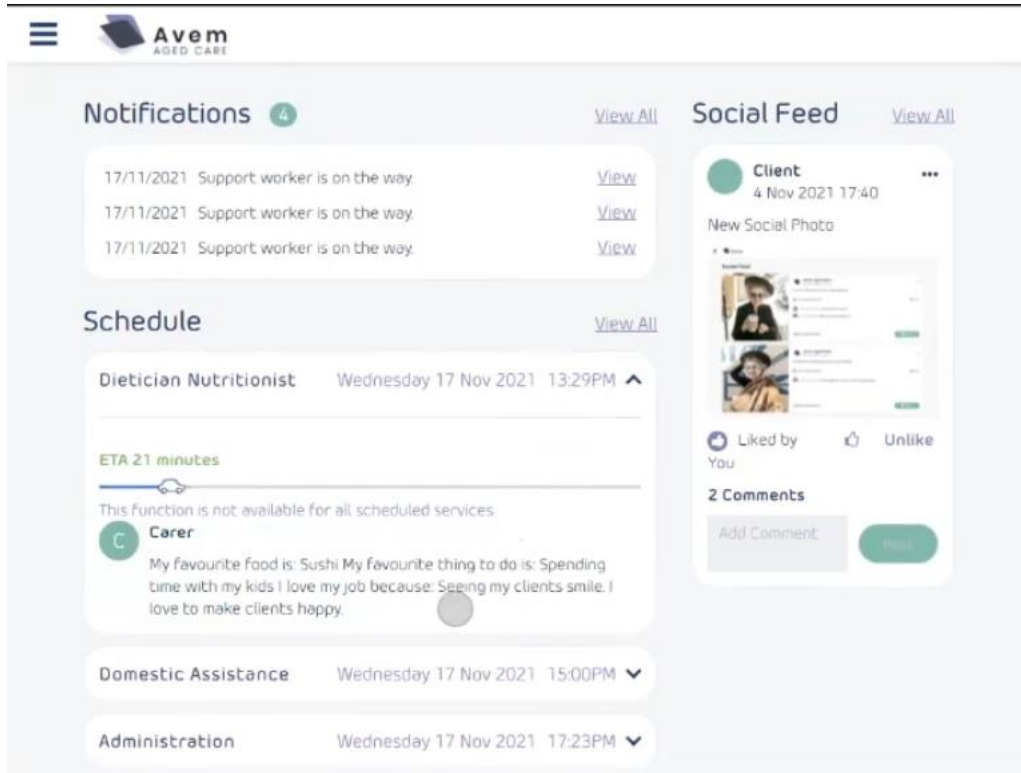
Location Tracking Plugin



- Custom built component
- Apple and Android considerations
- Privacy policy, App store guidelines

Altenpflege – from Zero to Hero

Was wurde erreicht?



Avem AGED CARE

Notifications 4 [View All](#)

- 17/11/2021 Support worker is on the way. [View](#)
- 17/11/2021 Support worker is on the way. [View](#)
- 17/11/2021 Support worker is on the way. [View](#)

Schedule [View All](#)

Dietician Nutritionist Wednesday 17 Nov 2021 13:29PM ▲

ETA 21 minutes

This function is not available for all scheduled services

Carer

My favourite food is: Sushi My favourite thing to do is: Spending time with my kids I love my job because: Seeing my clients smile. I love to make clients happy.

Domestic Assistance Wednesday 17 Nov 2021 15:00PM ▼

Administration Wednesday 17 Nov 2021 17:23PM ▼

Social Feed [View All](#)

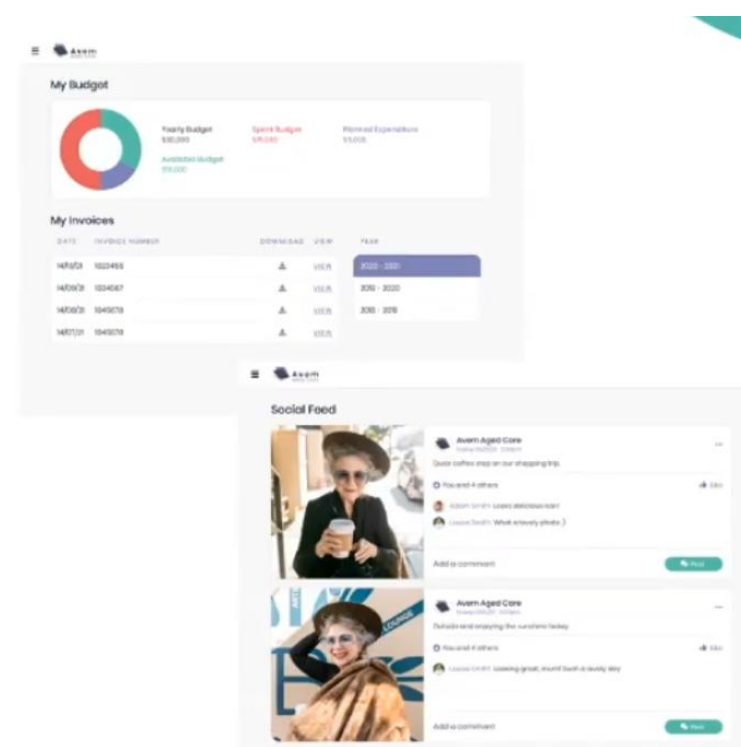
Client
4 Nov 2021 17:40

New Social Photo

Liked by You

2 Comments

Add Comment



Avem

My Budget

Yearly Budget: \$20,000
Spent Budget: \$14,000
Approved Expenses: \$1,000

Approved Budget: \$5,000

My Invoices

DATE	INVOICE NUMBER	DOWNLOAD	VIEW	PAID
14/11/21	102448	▲	VIEW	ADD - 100%
14/09/21	104467	▲	VIEW	ADD - 100%
14/09/21	104517	▲	VIEW	ADD - 100%
14/01/21	104370	▲	VIEW	

Social Feed

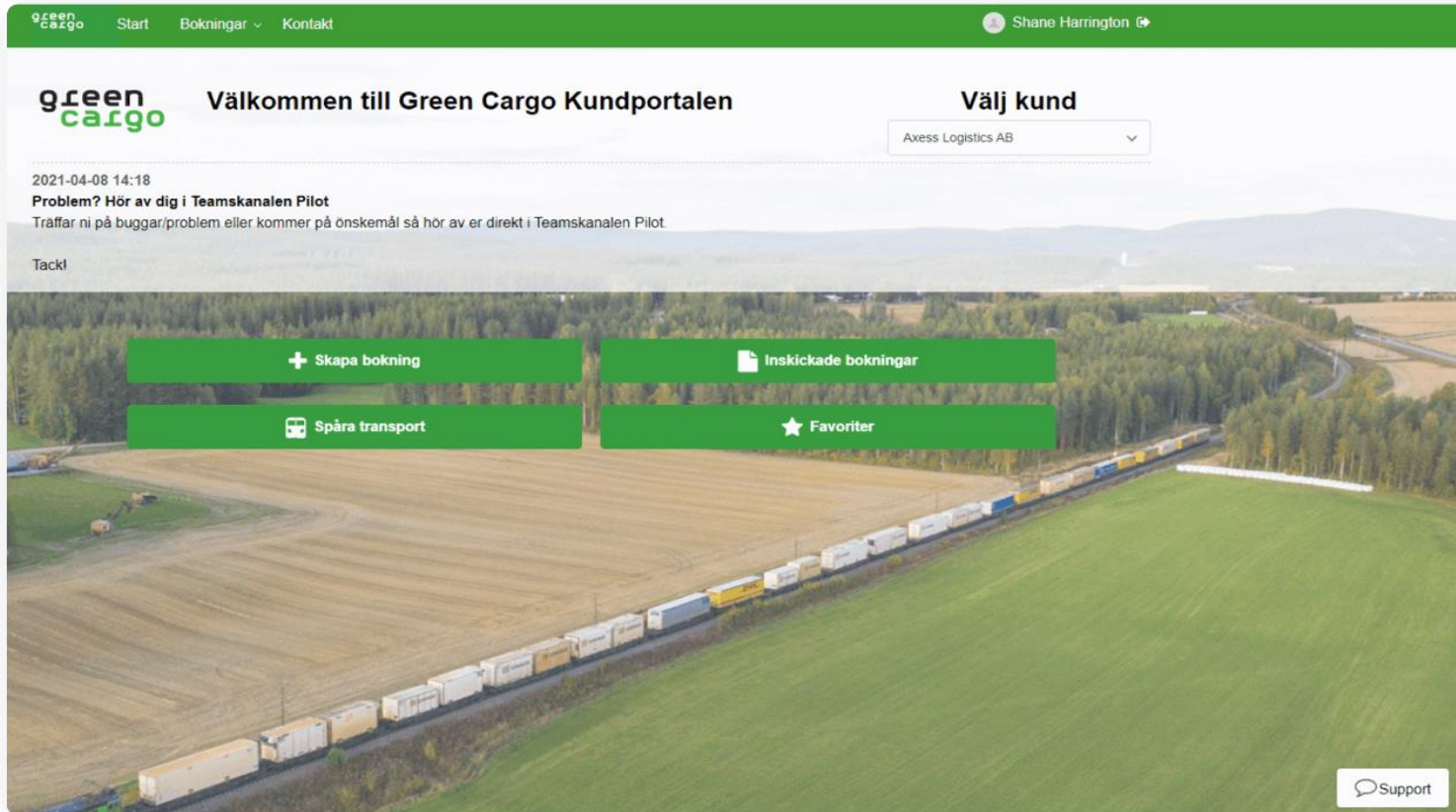
Avem Aged Care
Dose coffee stop on our shopping trip!

2 Comments

Avem Aged Care
Delicious and enjoying the weekend today!

2 Comments

Kundenportal



green cargo Start Bokningar Kontakt Shane Harrington

green cargo Välkommen till Green Cargo Kundportalen Välj kund
Axess Logistics AB

2021-04-08 14:18
Problem? Hör av dig i Teamskanalen Pilot
Träffar ni på buggar/problem eller kommer på önskemål så hör av er direkt i Teamskanalen Pilot.

Tack!

+ Skapa bokning

📄 Inskickade bokningar

🚂 Spåra transport

★ Favoriter

Support

Sendungsverfolgning

Följ transport

Ordernummer	Fraktsedelsnummer	Beställarens referens	Vagnsnummer	Enhetsnummer
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Avgångsstation	Ankomststation	ETD	ETA	Rensa filtrering
<input type="text"/>	<input type="text"/>	åååå-mm-dd <input type="text"/>	åååå-mm-dd <input type="text"/>	

Ordernummer Fraktsedelsnummer Beställarens referens	0057248474	Nuvarande ETA 21-04-12 07:00	Nuvarande position AVESTA SÖDRA	Status Fraktsedel inskickad
Avsändningsstation AVESTA SÖDRA	Beställningsstation STENUNGSUND-STATOIL	Visa mer	ETD 21-04-08 10:15	Operatör GC
Ordernummer Fraktsedelsnummer Beställarens referens	0057247288	Nuvarande ETA 21-04-12 09:00	Nuvarande position ÅNGE RANGERBANGÅRD	Status Fraktsedel registrerad
Avsändningsstation ÅNGE RANGERBANGÅRD	Beställningsstation STENUNGSUND-STATOIL	Visa mer	ETD 21-04-07 05:00	Operatör GC
Ordernummer Fraktsedelsnummer Beställarens referens	0057247285	Nuvarande ETA 21-04-12 09:00	Nuvarande position FINSPÅNG	Status Fraktsedel registrerad
Avsändningsstation FINSPÅNG	Beställningsstation STENUNGSUND-STATOIL	Visa mer	ETD 21-04-07 04:00	Operatör GC
Ordernummer Fraktsedelsnummer Beställarens referens	0057246849	Nuvarande ETA 21-04-12 09:00	Nuvarande position KARLSKOGA	Status Fraktsedel registrerad
Avsändningsstation KARLSKOGA	Beställningsstation STENUNGSUND-STATOIL	Visa mer	ETD 21-04-07 09:10	Operatör GC

Low Code

80%

time saving for mobile
app

10x

estimated cost saving for
customer portal



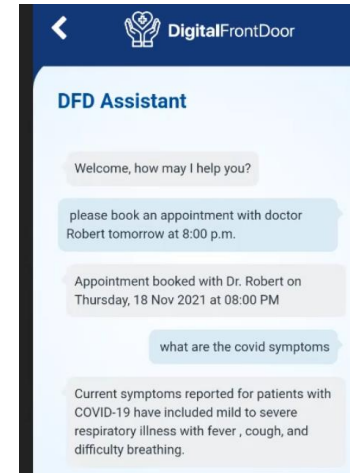
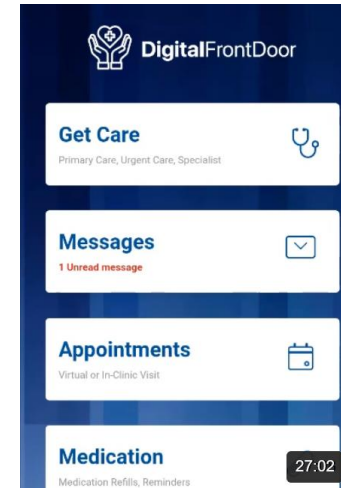
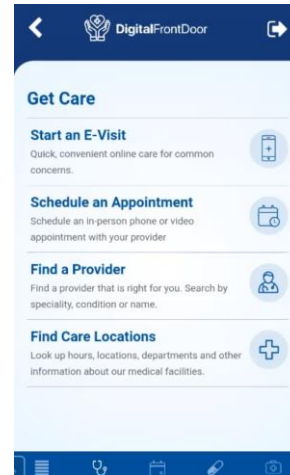
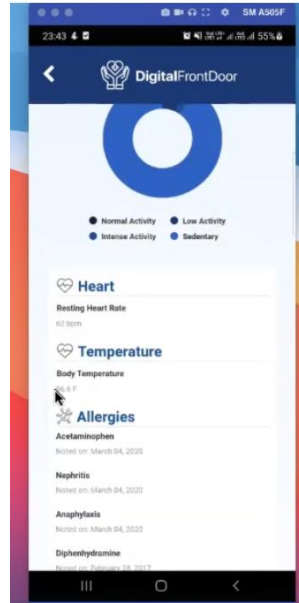


DigitalFrontDoor



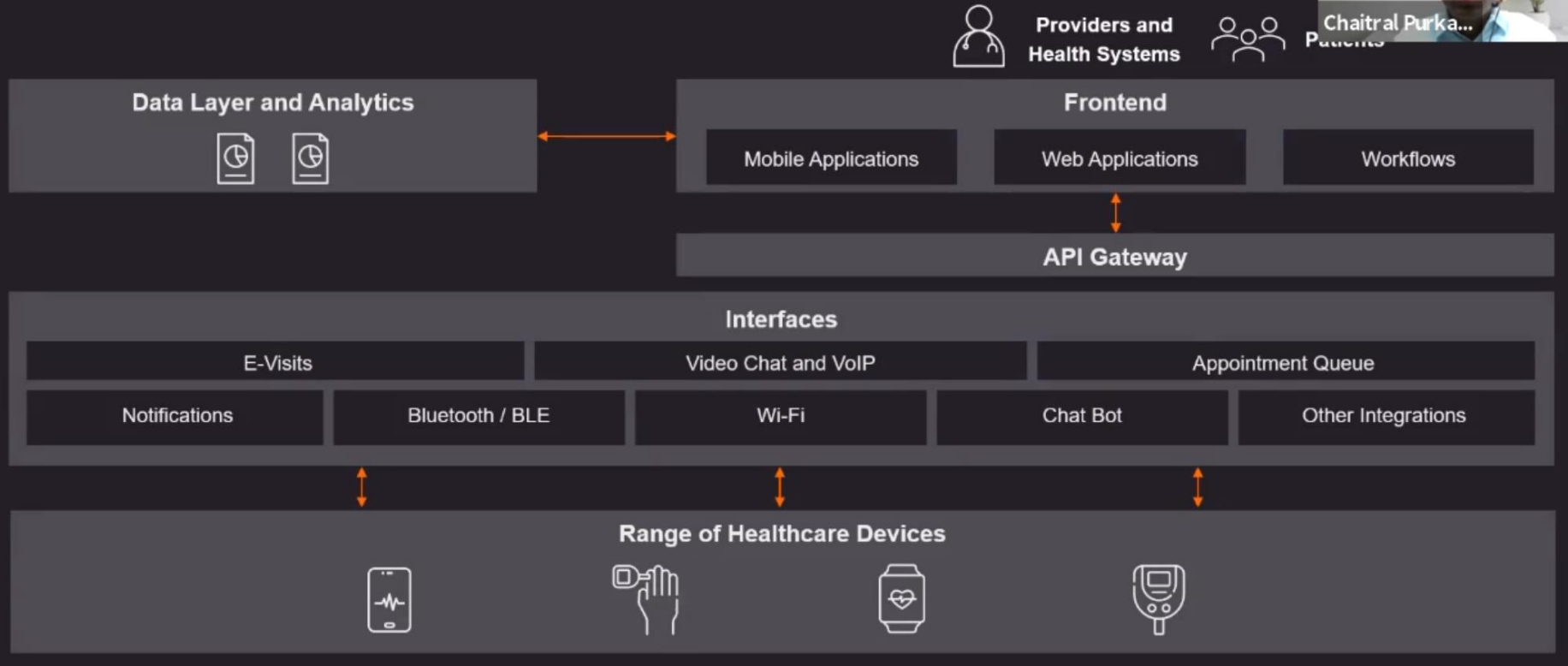
✔ Was ist Digital Front Door?

✔ Was sind typische Merkmale?



Digital Front Doors - Übersicht

Outsystems Based Digital Front Door Ecosystem



Integration als Wettbewerbsvorteil

The all new myLendr

Check out our shiny new web service app

Check your balance



See what you owe, your next remittance and when you're eligible for renewal funding opportunities.

Customize your offer

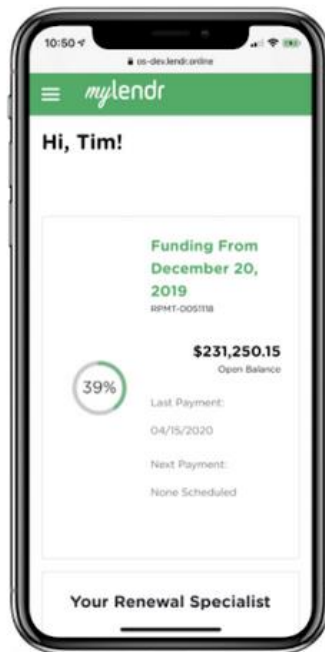


Choose your own offer, customize your turn, rate, and total funding amount. It's like mix and match, but for money.

Connect with your rep



We will connect you directly to your rep - no phone banks or hold music. You can even chat us directly.



Apply Online

Apply online in minutes. Most customers need just 10 minutes to apply, and most have an offer in just 2 hours.



Renew in a snap

Business is great? A little extra cash can help you grow to the next level! A renewal puts that cash in your account.



All your documents

Grab a payoff, zero-balance letter, or remittance statement right in the portal. Download your documents securely in PDF format.

Technische Hürden in 2018



High Touch

Uneinheitliche Systeme
führen zu geringwertigen
Nutzeraktivitäten



Legacy Architecture

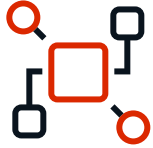
Veraltete und ineffiziente
Technologiearchitektur



Low Throughput

Entwicklungsteams
erzielen keinen schnellen
Mehrwert für das
Unternehmen

Warum OutSystems



Customizeable

Robuste Integrationen und
eine eigene
Benutzeroberfläche



Increased ROI

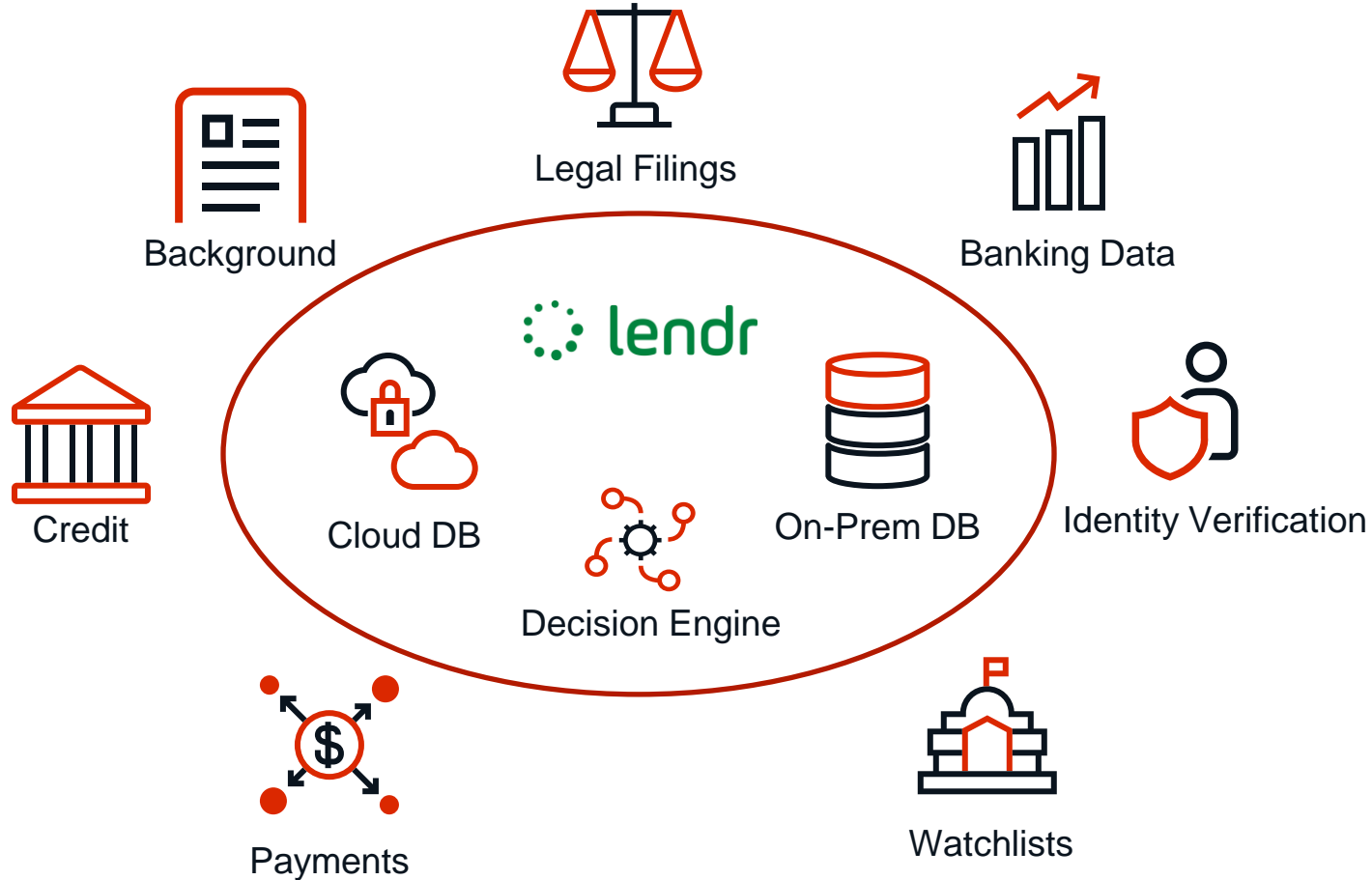
Steigerung der
Wirksamkeit von
Technologieausgaben



Time-To-Market

Entwicklungsgeschwindigkeit
war ein Kernethos von
OutSystems

Jede Menge an Datenquellen



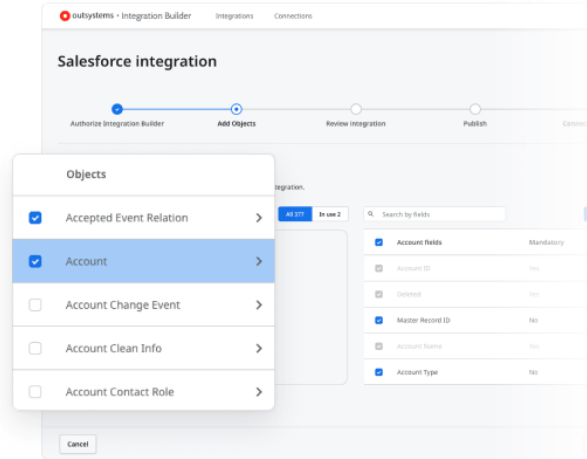
Integrationsbedarf und -Tools

- ✔ Mehrere Integrationsarten
 - ✔ Cloud-Based CRM
 - ✔ SOAP
 - ✔ C#
 - ✔ API
- ✔ Geringer Wartungsaufwand
- ✔ Anpassungsfähige Infrastruktur
- ✔ Integration Builder
- ✔ Erweiterbarkeit mit vorhandenem C#-Code
- ✔ Neue SOAP & REST Endpunkte
- ✔ “Integrating” the Business

Integration Builder



Cloud DB
(September 2019)



- Automatisierung der Schemaerstellung
- Optimierte Datenparität zwischen Systemen
- Geringere Arbeitsbelastung der Benutzer
- Innerhalb einer Woche

Weitere Integrationen



Banking Data
(November 2020)

- BankOperationMicro
 - PostRepullBank
 - PostStoreAndForwardBank
 - PostUpdateOffer



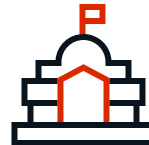
Background
(June 2021)

- SOAP
 - TLOWebService
 - OnBeforeRequestAdvanced
 - BankruptcyRecordsSearch
 - BusinessBankruptciesSearch
 - BusinessJudgmentsSearch
 - BusinessLiensSearch
 - CriminalSearch
 - EchoTest
 - UCCSearch
 - WatchListSearch



Credit
(November 2020)

- CreditDevLendrLab
 - PostGetCredit
 - PostGetCreditReportTotals



Watchlists
(August 2021)

- REST
 - Datamerch
 - GetMerchant
 - PostMerchants
 - PostNotes

Status Quo 2021



Optimized Workflows

80% Verkürzung der
Durchlaufzeit der Anträge



Scalable Architecture

Flexibler Technologie-Stack für
die sich schnell verändernde
Industrie



Effective Spend

57% Verringerung der
Gesamtausgaben / FTE



High Throughput

82% Zunahme der zu
erbringenden Ergebnisse /
FTE



Live Demo



Solving Real World Problems

Featuring



SALES HUB

New Deal Alert
Helen Stafford closed a new \$700,500.00 deal in the United Kingdom
Just now

Main Building

75% ENERGY
50% WATER
D+ EFFICIENCY LEVEL

Smart Home HOME SERVICES ENERGY SAVING Annah C.

Overview Billing Meter Reading Payments Energy Usage Tariff Check Moving Home

Jun 2019 Select Date

Bills and Payments \$73.65 Due in 5 Days

Last Invoice Status Unpaid
Invoice INV-010-2019
From 05/10/2019 To 23/10/2019
Amount \$73.65
Pay Now

Invoice	Status	Invoice	Status	Invoice	Status
INV-010-2019	Unpaid	INV-009-2019	Paid	INV-009-2019	Paid
From 05/10/2019 To 23/10/2019		From 05/09/2019 To 27/09/2019		From 02/08/2019 To 20/08/2019	

QR Code

Credit Ca

Bank
Charles Arment

Top-up

Transactions

- Erick Johns
- Helen Staff
- Robert Wh
- John Obrie

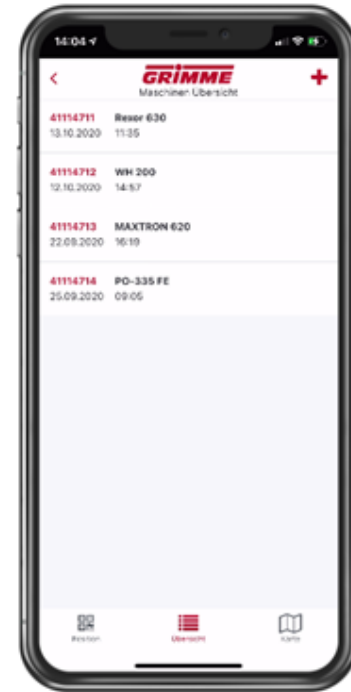
Work Order

Customer: Ace Systems Inc
Address: 55 Thomson Plac, Boston, MA 02211
Task description: Pick-up package delivery instru

www.agentbase.de

Solving Real World Problems

- Grimme Landmaschinen
- **Ziel:** Teure Inventurmaßnahmen von Landmaschinen ersetzen
- Konkrete Kundenanforderungen:
 - Positionen auf Karte
 - Rückmeldung Maschinen Standort per GPS
 - Mobile Erfassung per QR Code
- Erweiterung mobiler App



Solving Real World Problems

Anforderungen

Inhalt

- Inhalt
- Dokumentenhistorie
- Abkürzungsverzeichnis
- 1 Einleitung
- 2 Ausgangslage
 - 2.1 IST-Situation
 - 2.2 Soll-Situation
- 3 Systemanforderungen
 - 3.1 Endgeräte
 - 3.2 Mehrsprachigkeit
 - 3.3 Hinweise-UI
- 4 Funktionen
 - 4.1 Benutzeranmeldung
 - 4.1.1 Anmeldung
 - 4.1.2 Ausloggen
 - 4.2 Maschinenposition
 - 4.2.1 Maschinenposition spezifizieren
 - 4.2.2 Maschinenposition anzeigen
 - 4.2.3 Maschinenposition aktualisieren
 - 4.3 Maschinen im Inventar
 - 4.3.1 Neue Inventarpositionen hinzufügen
 - 4.3.2 Positionsdaten aktualisieren
 - 4.3.3 Überblick des Inventars
 - 4.3.4 Abschließen einer Inventarposition



```
header-logo {
  width: 70%;
  height: 20% !important;
  margin-top: var(--space-m);
  text-align: center;
}

header-title {
  font-size: 14px !important;
  display: block;
  margin-bottom: var(--space-s);
  text-align: center;
}

serialnumber {
  color: #c31924;
  font-weight: bold;
}
```

	A	B	C	D	E	F	G	H	I
1	Seriennummer	QRCode	Name	Baujahr	Latitude	Longitude	Datum	Zeit	Kategorie
2	41114711	CD671800825564	Rexor 630	2019	52,51656000000000	8,20186200000000	13.10.2020	11:35	3
3	41114712	CD988879445163	WH 200	2017	51,7235946655273	8,7972030639648	12.10.2020	14:57	1
4	41114713	CD611988984035	MAXTRON 620	2019	51,7278356000000	8,74641450000000	22.09.2020	16:19	3
5	41114714	CD62826RTM9581	PO-335.EF	2018	52,3483540000000	8,66416500000000	25.09.2020	09:05	2

Solving Real World Problems

Umsetzung

Nutzung von *Forge* Komponenten und deren
einfache Einbindung per OutSystems Low-Code



Google Maps Library

Google Maps Library is the Reactive Runtime version of the Google Maps component, a Google Maps Javascript V3 API component, providing Blocks and Actions to add interactive maps, markers and directions, along with event driven functionality.



QR Code Scanner

Simple component that enables applications to scan QR codes.



Location Plugin

Plugin that enables an application to access the GPS capabilities of the users device. For example the latitude, longitude and the altitude of the users device. You can't edit supported apps.



Fragen & Antworten

Vielen Dank für Ihre Aufmerksamkeit!



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