

Picture yourself in a gondola in Verbier....

"Quelle est la différence entre RPA et Cognitive?"

After this presentation, you'll have an answer for Clooney, and you'll understand why RPA alone solves only a tiny sliver of your operational challenges, which are often claims processing, onboarding, settlements, and other high volume unstructured data processes.

RPA vs Cognitive:



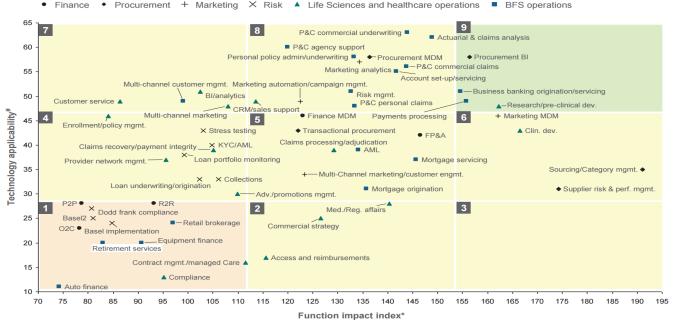


What problem are we talking about?



There's a lot of room for automation in your operation.

Figure 3: Technology applicability correlates with functions' impact



Source:

Genpact's
Linkedin survey
of customers
about the
applicability
and impact of
automation in
their data
operation.

[1] Calculated as "impact index" that weighed the impact of each function according to the importance of the business challenges the function addresses

*Function impact index: Higher index values mean that the function impacts many of the enterprise's most important challenges.

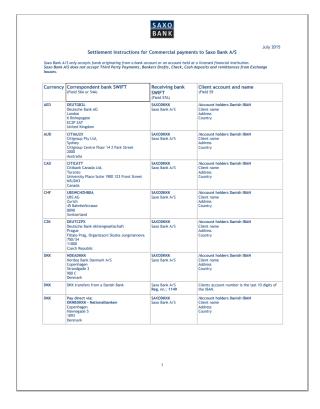
#Technology applicability: Percentage of the function's executives who stated that radically improved use of technology could have an impact on the function

n = 912 executives from a survey conducted by LinkedIn, commissioned by Genpact



Specifically, high-volume manual processes with variable, unstructured data performed by lots of analysts and point tools.

Example: FX SSI in global banking - thousands of doc formats, millions of transactions per year, too many people doing repetitive work.







"85% of a typical firm's 900+ processes can be automated." McKinsey&Company

Compliance & Risk

AIFMD

AML | KYC

Basel III

BCBS 239

EMIR

FATCA Bios

FATCA People Authority

KYC Remediation / Sanction List

LEI Mapping

MIFID

Corporate Actions

Actions Change Detection
Bond Announcements

Deep Links Announcement Extraction

M&A Transaction Status

M&A Transactions Announcements

News Extraction

Realtime Dividend Announcements

Client Driven Events

Client Onboarding

Standard Settlement Instructions (SSI)

P₂P

Entities & Instruments

Verify Company Locations Bank Qualified Bonds Business Classification

ETF Attributes Filings Extraction

GIINS Filings Filings Extraction

Hierarchies / Taxonomies Legal Entity Monitoring Loan Data Extraction Products and Services

Shares Outstanding Monitoring

Web Activity

Note: These are only a few common examples within banking – biggest problem in insurance is claims processing.

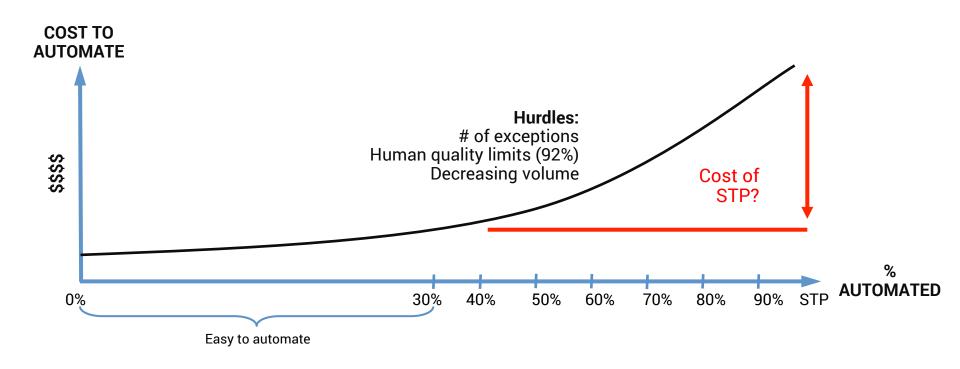


Why can't RPA alone save us?



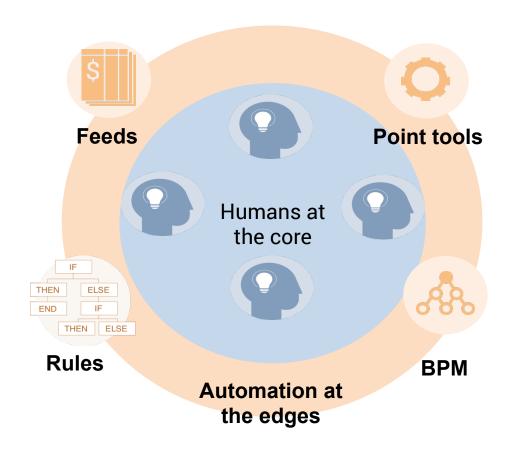


RPA has limits, and pushing past them costs a fortune.





"Automated" processes still have humans at the core.

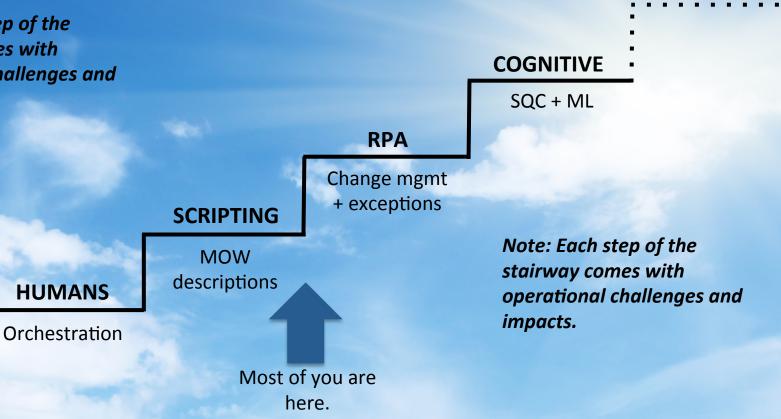




The stairway to automation heaven:

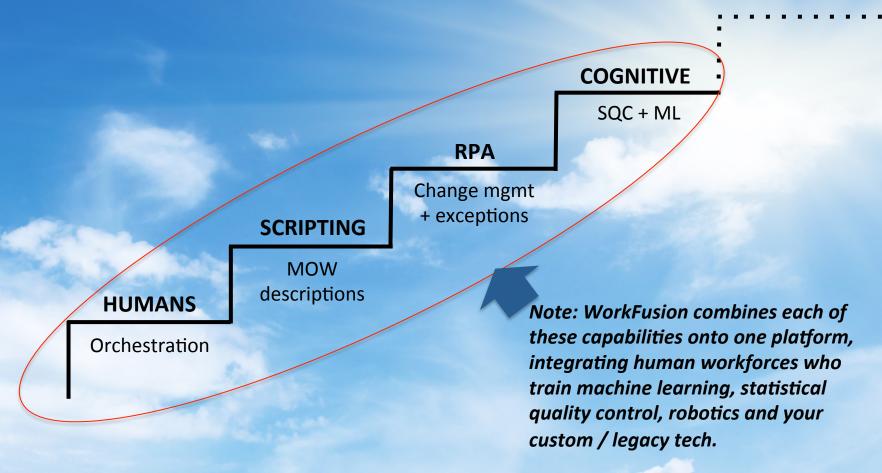
Note: Each step of the stairway comes with operational challenges and impacts.

HUMANS



The stairway to automation heaven:

ΑI



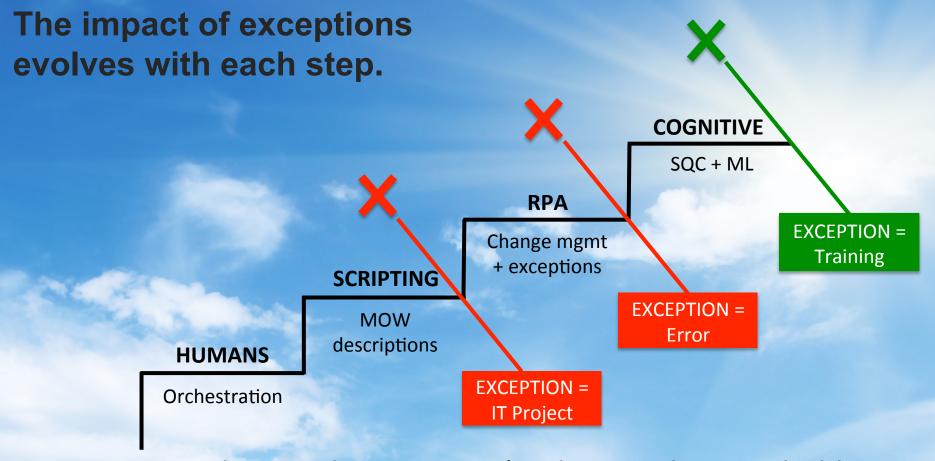
You need both RPA and Cognitive.





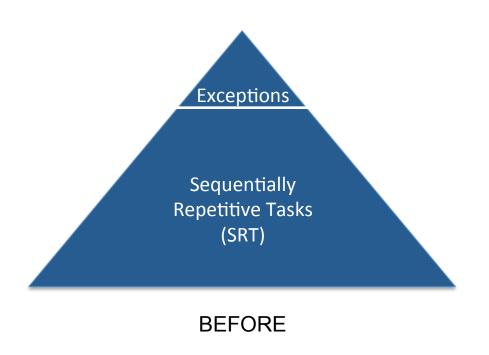


Note: This slide illustrates a typical division of labor between RPA and cognitive in a fairly standard enterprise knowledge process. If you've only got RPA, you're leaving out the heart of the process.



Note: Exceptions are a big issue with automation. It isn't until you get to the cognitive level that exceptions evolve from problem to productive input into a smart process system.

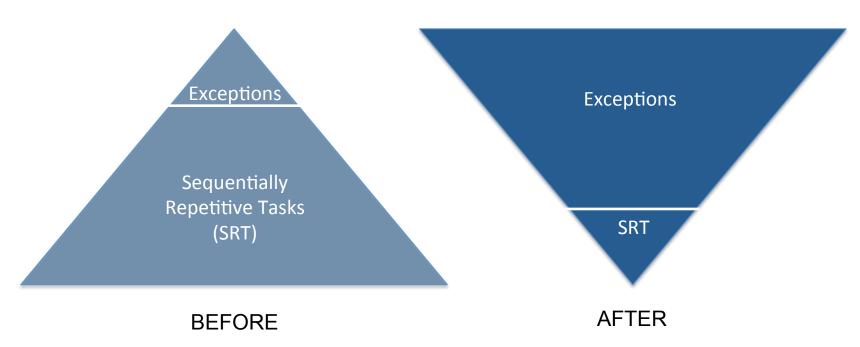
Before climbing the stairs, majority of human work is repetitive.



Note: Think about the 1,000 data analysts you have crunching through documents and customer communications every day. Are they problem solving, or are they copying and pasting account numbers and names and codes or worse, manually keying them in from a PDF to an XLS?



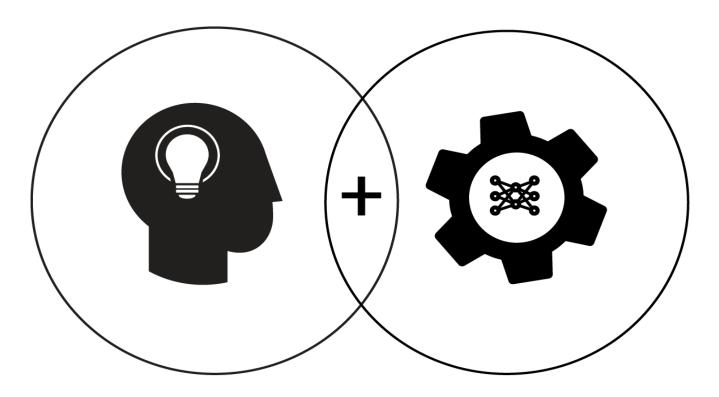
At the top of the stairway, humans are problem-solving.





Note: This is what your operation will look like with RPA + Cognitive – humans doing human work, not monkey work.

Key point: you need people and machines working together on the same platform for a knockout.

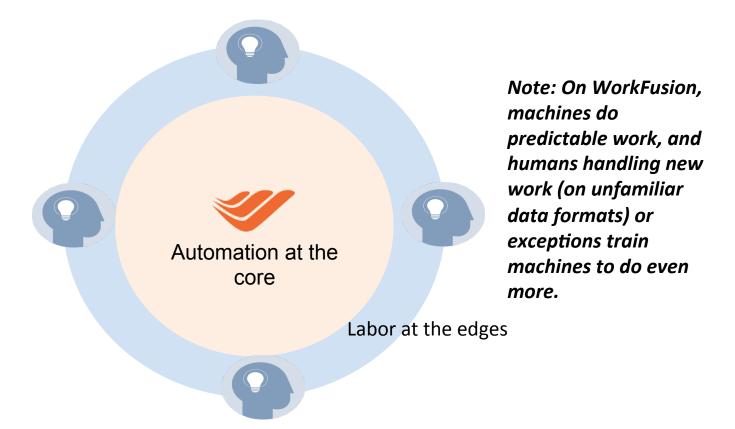




What is the solution?



Automation nirvana:





Combining RPA and machine learning surpasses the limits of current automation.

Process Improvement



- 1. Break down the process
- 2. Qualify workers
- 3. Orchestrate the work

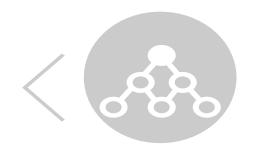
Smart Process Automation

Human + Machine

Have machines do most of the work Getting the right work to the right person Change process in software vs in people

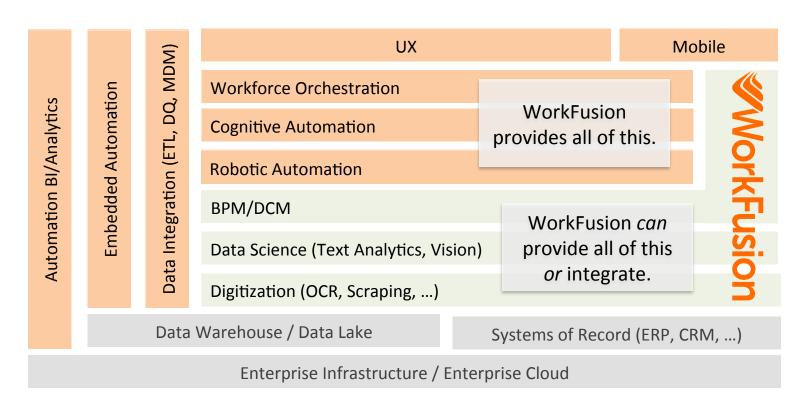
50% + efficiency gains

Machine Learning



- Take high quality data
- 2. Train the models
- 3. Deploy machine workers







Customers use WorkFusion for hard-to-automate work done by large operations teams.

Complexity of process High THIS IS WHAT YOUR **TARGET EXPERTS DO ALREADY DONE** Low High **Volume** of work



CASE STUDY

SSI: quality increased while reducing headcount in client onboarding and account services



Problem

- 75-person offshore team
- 1,000 inbound formats
- 1MM+ transactions per year
- 98.5% accuracy
- High trade repair and penalty costs
- SLA compliance costs

Solution

- WorkFusion mimicked process
- Replaced OCR solution
- Machine learning automation
- Statistical quality control on exceptions
- Robotics desktop integration

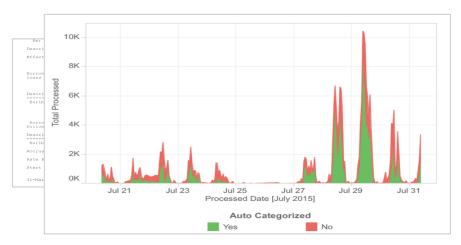
Impact after 8 weeks

- √ 85% automation
- √ 100% quality
- √ 15min to 30s processing time
- √ 80% headcount reduction



CASE STUDY

Automated Fax Conversion, Extraction, and Categorization with OCR, Rules, and Machine Learning



Impact

70%
REDUCTION IN VEDOR'S HUMAN
WORKFORCE

IMPROVED ACCURACY ABOVE

99%

1MPROVED SLA ABOVE 99.5%

Situation

- Global Information Services firm receives
 7MM faxes annually on behalf of clients
- Peak times are at month-end and quarterend where an external vendor ramps-up to 120+ resources in India
- 30 minute SLA with clients

Approach

- WorkFusion's OCR process converts document images to readable text
- User-defined rules and Machine Learning extract data for automated categorization
- Algorithms refined and fine-tuned over time
- Exceptions identified for distribution to human workforce



CASE STUDY

3x coverage, 50% throughput, 72% headcount reduction in KYC process for global information provider



Situation

- Unstructured high-volume Annual Reports
- ~3,500 PDFs per annum per language
- Required SMEs with special language skills

Solution

- WorkFusion enabled global reach to cloud workers with qualified language skills
- Cloud workers extract and validate data
- Client's internal SMEs in the loop to moderate crowd results
- Data sanity checks embedded within UI
- Automated exceptions management

Impact in 4 months

- Throughput increase by 50%
- ✓ Expansion to 3x number of languages
- √ 72% FTE reduction



Note: I'm happy to answer any questions for those exploring solutions or put qualified buyers with near-term automation projects in touch with our business development team to discuss use cases.

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