

WHEN AUTOMATION MEETS EMBEDDED ANALYTICS, SPARKS FLY

Accelerate on the road to Automation

INVESTMENTS IN ANALYTICS ARE ACCELERATING, BUT WHERE'S THE PAYOFF?

47 percent of CEOs say they are being “challenged” by their board of directors to show progress in their digital transformation journeys, according to the [Gartner 2018 CIO](#).

Despite this, a [2018 survey by Oliver Wyman](#) found that 73 percent of global CEOs felt they had “insufficient information to predict and drive their business.” Moreover, in times of business crises, executives were even less confident they had the right information available to them, the survey revealed.

This is not due to a lack of investment in business intelligence (BI) and analytics tools.

The Problem with Siloed Systems



97%

Our Business is hurt
by siloed systems



88%

We can't access data
we need to do our jobs



75%

Searching for data
is challenging
and time-consuming

Source: “What’s Data Got to Do With ‘it.’” Devo. August 2018. <https://www.devo.com/blog/survey-reveals-most-organizations-struggle-to-extract-value-from-operational-data/>

Most enterprises already have at least one such tool, and many have several. In fact, the global BI market—which includes popular tools like Tableau, Qlik, and Kibana—is accelerating. It is expected to grow from \$16 billion in 2015 to more than \$26 billion by 2021, according to [Zion Research Analysis](#).

Yet these tools are not delivering what businesses need in terms of visibility into operations. Without such transparency, it becomes impossible to measure—much less improve—your business’ efficiency, productivity, cost-effectiveness, and ultimately, bottom line. They need a single solution, with a dashboard, that provides INSIGHTS into all of their operations in one place, in real-time.

THE BUSINESS DATA THAT RPA GENERATES FOR YOU

Businesses are beginning to realize that investments in RPA generate an extraordinarily rich source of critical data about their operations.

Software robots (bots) automate data entry. They process claims or sales orders. Perform basic copy-paste tasks. They also interact directly with customers by taking on roles in customer support. And all the time, they're collecting data. Clean, accurate, and meaningful data.

Unfortunately, that data is separated into silos. And traditional analytics tools simply can't get to them all.

Just look at all the data siloed under these different processes:



EACH RPA DATA SILO HAS A STORY TO TELL

If you are investing in RPA—as 72 percent of enterprises will by 2020—the question inevitably arises: How can you make the best use of this extraordinary valuable data? Although many organizations are attempting to harness it, McKinsey found that businesses were capturing only a fraction of the potential value. More than 85 percent of them admitted that they were only “somewhat” effective at meeting their analytics goals.

Here are the questions these various data silos can answer with the right analytics tool:



Create Sale Order

- + Who are we selling to?
- + How much are we selling?
- + Does our supply meet our demand?



Check Credit

- + Where can we upsell?
- + How loyal are our customers?
- + Should we change our discount strategy?



Create Delivery

- + Which type of delivery do customers prefer?
- + Do we have any inventory outages?
- + Do different products correlate with different shipping choices?



Ship Goods

- + How many shipments are in progress?
- + What's causing shipping delays?
- + Which carriers are most efficient?



Confirm Receipt

- + What percentage of shipments have been delivered?
- + What orders are going to be delayed, and why?
- + When can customers expect delayed orders?



Create Invoice

- + What are the anticipated cash flows?
- + What part of the month does our invoicing cycle peak?
- + How many of our customers are paying on-time?

ONLY BOT INSIGHT CAN ANSWER THESE QUESTIONS, IN ONE PLACE, IN REAL TIME, ON A DASHBOARD.

STANDALONE ANALYTICS TOOLS ARE NOT OPTIMAL FOR RPA DATA

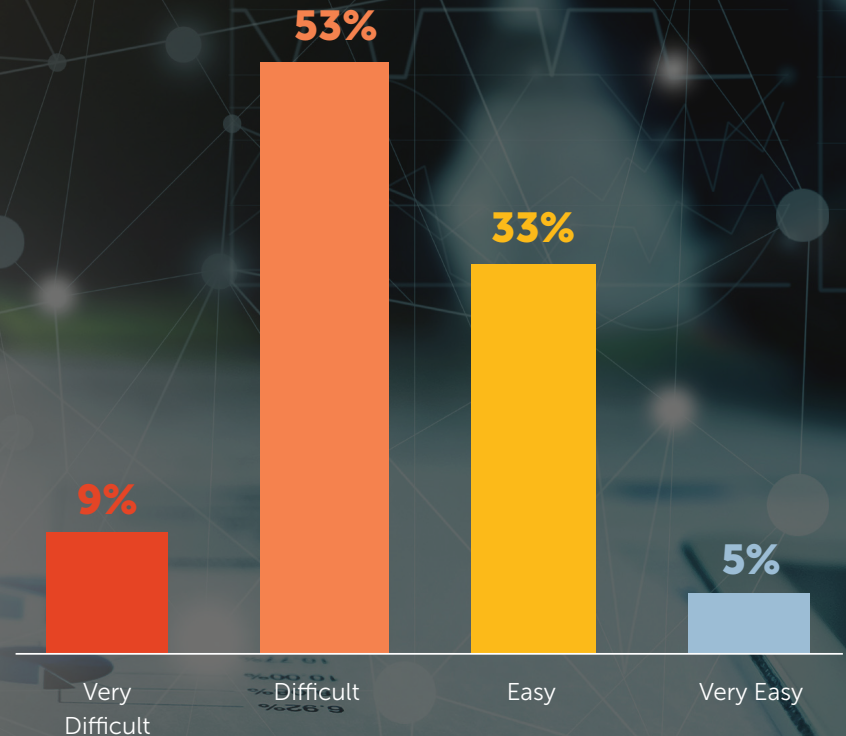
Due to the complexity and overhead involved in collecting, filtering, and analyzing data, many enterprise data warehouses—pools of information that standalone analytics tools explore for insights—are updated as infrequently as once a week.

Some data warehouses even require a month or more before they can absorb new data. In fact, [a full 62 percent of businesses surveyed](#) recently said that it was “difficult” or “very difficult” to manage their data warehouses.

This means that the fresh and extremely pertinent data that is continuously generated by your RPA bots becomes old and possibly irrelevant by the time it reaches your data warehouse.

Running standalone analytics on this stale data will never deliver the real-time insights required to gain an edge in the digital economy.

How would you rate the complexity of operating your data warehouse?



Source: “2018 Data Warehouse Report.” Panoply, 2018. <https://learn.panoply.io/data-warehousing-trends-report-2018?hsCtaTracking=89e99384-9968-4a80-bccb-4c316283407b%7C4b01e0f5-232e-4341-960c-19d13c79025a>

EMBEDDED RPA ANALYTICS ARE THE ANSWER

Bot Insight offers you two key benefits over stand-alone analytics BI tools:

Real-time Insights

Imagine being able to see spikes in sales for specific products and adjust your forecast and projections in real-time. Imagine identifying growing backlog of specific manufacturing parts before any of your competitors. That is the power of Bot Insight.



Reduced Friction

Bot Insight also reduces the friction of using a standalone analytics tool. No more manually tagging and logging of data and creating new dashboards to get access to your RPA data. The result: greater transparency, and the ability to move at digital speed.



BUILD ON YOUR RPA SUCCESS

By itself, RPA is a big win. By deploying it, you can rapidly automate both simple and complex business processes, cut costs, minimize errors, and free your human workers up for more valuable work.

But you get even greater business benefits if you use the embedded analytics of Bot Insight.

You can constantly scan your operations for emerging threats and opportunities. You can immediately calculate the ROI of your RPA investment. And you can use these insights to gain a strategic advantage.

With Bot Insight, you can more swiftly transform into a true digital enterprise.

For more information, visit: <https://www.automation-anywhere.com/products/bot-insight>

