

## InfoCap Content-Enabled Advanced Robotics™



### At a Glance

“An estimated 80-85 percent of data in the world is unstructured data — and it’s reportedly growing at an astronomical rate.”<sup>1</sup>

“New technologies will dramatically change the nature of work across all industries and occupations.”<sup>2</sup>

“Cutting costs is once again cited as the top initiative by organizations. However, leading organizations will not limit their IA [Intelligent Automation] usage to merely cutting costs. They will also leverage IA to help drive digital transformation efforts that can change their entire operational and business model.”<sup>3</sup>

“When digital transformation is done right, it’s like a caterpillar turning into a butterfly, but when done wrong, all you have is a really fast caterpillar.”<sup>4</sup>

“Transformation isn’t about improving; it’s about re-thinking.”<sup>5</sup>

Organizations have invested large sums of time and money in workflow management technology to automate their manual, paper-based processes. Unfortunately, while these processes were improved with respect to the flow and control of work, many organizations are still capturing documents and forms in a non-automated, non-intelligent manner.

Given that much of the data that is required to execute business processes in a cost-optimized and customer-centric fashion is unstructured data trapped in documents and forms, organizations could benefit from the principle of “begin with the end in mind”.<sup>6</sup> Meaning, if the capture of unstructured content is not as equally automated and intelligent as the other parts of a workflow-enabled business process, then the opportunity to re-imagine and transform your business will be marginalized.

Robotic Process Automation (RPA) is an effective technology that can eliminate or mitigate the manual, repetitive, and low-value tasks typically found in mailroom operations and other content input channels. InfoCap’s Content-Enabled Advanced Robotics™, an RPA based cognitive document capture solution, extracts the data necessary to create intelligent, data-driven processes.

### InfoCap Content-Enabled Advanced Robotics™ (CAR) Functional Overview and Business Value Impact

- Omni-channel data/document capture
- Image Processing and Cleanup
- Document Classification
- RPA Post Classification Processing
- Client-Configured Document Review
- RPA Post Document Review Processing
- Data Extraction/Redaction
- RPA Post Data Extraction Processing
- RPA Execution of Known Business Rules
- RPA System-of-Record Update

Applying Machine Learning techniques to capture the appropriate “seed” data is fundamental to creating an Intelligent Automation and Artificial Intelligence based operating environment. Leveraging this “seed” data with RPA to re-use and re-purpose the data, as needed, across organizational, functional silos is essential for Digital Transformation success.

### Document Automation Considerations

- What impact would unleashing the data locked inside of documents and forms have on increasing revenue, reducing operational costs, and mitigating risk?
- If document-bound data were available sooner in the process, how could this improve your customer’s experience?
- What impact would there be on your organization if business rules were more consistently applied and legacy administrative systems were more tightly integrated?

# InfoCap Networks

The Art & Science of Intelligent Process Automation™

## InfoCap Cognitive Business Process Automation™

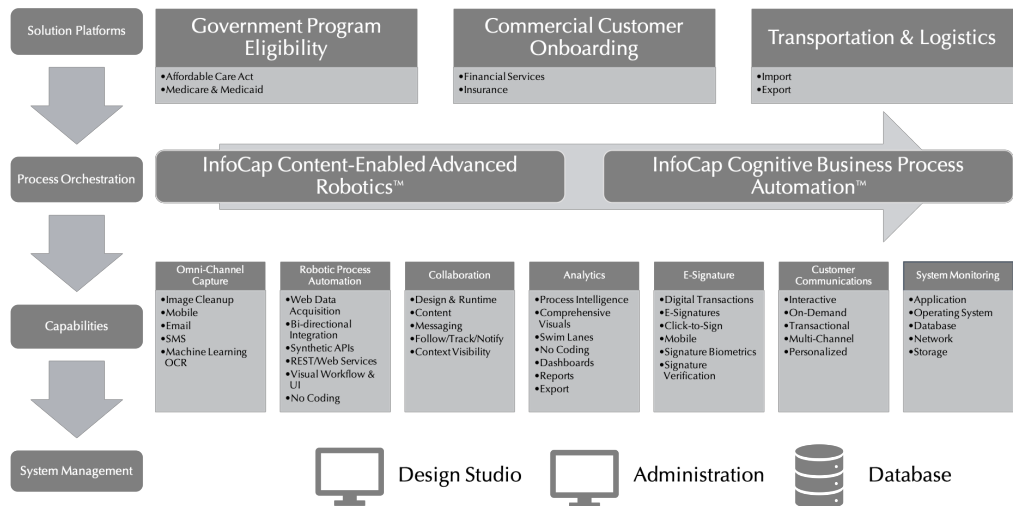


InfoCap Cognitive Business Process Automation™ (CBPA) is a robotic process automation centered optimization strategy and solution design philosophy that enables organizations, through the application of InfoCap's Content-Enabled Advanced Robotics™ (CAR) Digital Workforce platform, to capture and validate data, regardless of source, to intelligently direct the execution of a business process.

InfoCap Solution Value  
InfoCap's Cognitive Business Process Automation™ and Content-Enabled Advanced Robotics™ solution capabilities have helped organizations:

- Reduce processing cycle times and associated operational costs
- Increase the overall productive capacity of the human workforce - being able to do more with the same or less headcount
- Seamless, effortless, and proven data migration services
- Improve organizational agility, flexibility, and scalability
- Improve work governance through the use of business analytics dashboards - permitting better decision-making to manage financial and operational risk
- Provide better customer experiences.

## Enabling Intelligent Automation & Artificial Intelligence



### The InfoCap Networks Difference

Traditional workflow companies long ago abandoned capture sub-systems to third-party, niche providers. Emerging Robotic Process Automation (RPA) firms born in the digital age presume most, if not all, data required to execute a business process is structured in nature and are often unfamiliar with the unique challenges associated with the unstructured data found in documents and forms. InfoCap Networks' consultants and engineers have extensive experience and expertise in the data and document capture arena and understand the critical need to properly capture, classify, and securely extract high volumes of document-bound data to create and drive intelligent, dynamically adaptive business processes.

<sup>1</sup> <https://geomarketing.com/geo-101-what-is-unstructured-data>, 11/2017  
<sup>2</sup> Klaus Schwab, *The Fourth Industrial Revolution*, 2016  
<sup>3</sup> 4Q 2017 KPMG Insights Pulse Survey Report  
<sup>4</sup> George Westerman, Principal Research Scientist, MIT Sloan Initiative on the Digital Economy  
<sup>5</sup> Malcolm Gladwell  
<sup>6</sup> Stephen Covey, *7 Habits of Highly Effective People*, 1989



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