



Company Profile
2022



Dominic Vincent Ligot
Founder and CTO

Brief History

We are CirroLytix Research Services. We were founded in 2016 by data analyst and entrepreneur, Dominic “Doc” Ligot, originally to provide big data analytics services to commercial clients, focusing on small and medium enterprises, and cutting edge use-cases for data science and analytics.

In 2018, we launched the first Business Analytics Masterclass covering practical data analytics use-cases in Marketing, Finance, Human Resources and Operations.

In 2019, after back-to-back hackathon wins in the Break The Fake and NASA Space Apps Challenges, we underwent a strategic pivot into social impact projects and we now provide data analytics services to NGOs, government agencies, academia, and international humanitarian organizations.

Today we are engaged by various international NGOs, funders and government agencies to address societal challenges through big data.



NASA International Space Apps Challenge, 2019
Break the Fake SEA Hackathon, 2019
Bangsamoro Data Challenge, 2019



Our Mission: Social Impact From Big Data

We are a social impact technology company.

Our mission is to help governments, non-profits, researchers, international agencies and local organizations succeed at addressing collective social problems around the world by harnessing the full power of their data. Our ultimate contribution to society is in enabling social impact organizations make positive data-driven change to the lives they seek to uplift.

Our clients and partners span many social impact fields, including public health, democracy, elections, fake news, human rights, education, justice reform, peacebuilding, urban planning and agriculture.

Our guiding framework is the Data Value Chain™. We look at the total journey of our clients' data: from sourcing to storage, from analysis to interventions. Our quest for data value also strives for data ethics, and our work considers issues ranging from data privacy and security to ownership, to data discrimination and algorithmic justice.

All of our projects reflect these principles.

Our Work

Monitoring and Evaluation

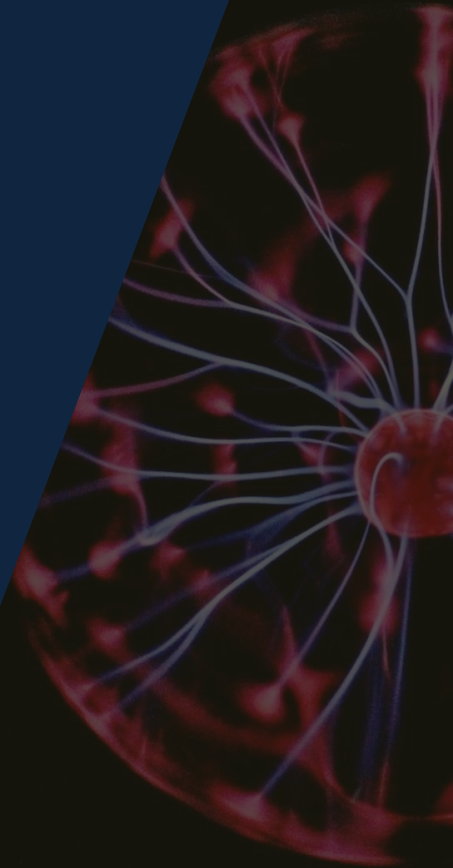
We help institutions with M&E dashboards, logframes, and behavior change tracking. We implement data governance to support positive change initiatives.

Social Behavior Change Insights

We build data products that help CSOs and social enterprises drive their social behavior change campaigns and advocacies. We leverage socio-economic data, remote sensing, and social listening, along with traditional quantitative and qualitative market research to help our clients better achieve their social impact and developmental objectives.

Hackathons and Data Challenges

We assist communities and organizations in building their data capabilities towards positive outcomes through social-impact-themed hackathons that leverage open data and develop local data talent.





Project SPARTA Partnership, 2020
Department of Science and Technology
Development Academy of the Philippines
Analytics Association of the Philippines



Our Capabilities

Social Listening

We process data from social media, search engines, and website analytics. We analyze conversations, topics, what's trending. Using machine learning, crowd behavior online can presage phenomena that occurs offline.

Earth Observations

We tap into the global network of satellites that orbit the Earth, incessantly gathering images, spectral data, and radar readings. We model data about surface activity, agriculture, geology, and climate patterns with key events and socio-economic phenomena.

Artificial Intelligence

We leverage computer vision to identify objects, activities, and recurring patterns from image data which are valuable inputs to other models and insights. We implement natural language processing to derive insight from structured text, conversations, and logs.

Data Engineering and Visualization

We architect big data platforms that deliver the results of our research and insights through user friendly dashboards and interfaces that allow non-technical users to interact with and better understand data value.



Project SPARTA Launch, 2020
Data Challenges and Social Impact

Key Projects

Project AEDES (2019-2022)

Data-driven dengue nowcasting and mosquito hotspot detection. Winning entry in the 2019 NASA International Space Apps Challenge, EO4SDG awardee, and now UNICEF and DPGA Digital Public Good.

I-ACT Social Listening (2020-2021)

Social listening and quantitative research on effects of pandemic restrictions on human rights discourse. Funded by USAID through the The Asia Foundation.

Mindanao Food Highway (2020)

Remote sensing, social listening, and qualitative research on the lockdown effects on food supply, food demand, and food supply chains in Mindanao. Funded by the Asia Foundation and in partnership with the Development Academy of the Philippines.





Analytics Sector Labor Market Intelligence (2021)

Big data, quantitative, and qualitative research services to produce labor market intelligence reporting for the data analytics and semiconductor industry. Funded by Australia DFAT via Philippine Business for Education (PBED).

Project SPARTA (2019-2022)

National initiative to train 30,000 professionals in data analytics. Provided program leadership, curriculum designs and content, and marketing support. Funded by the Department of Science and Technology (DOST) via the Development Academy of the Philippines (DAP).

UNDP Vaccine Acceptance Study (2021)

Big data and quantitative research to probe the extent of vaccine hesitancy in the Philippines and propose targeted communications strategies to improve uptake. Funded by UNDP in collaboration with DOH, NEDA, UNICEF, and WHO.

Bangsamoro Data Challenge I/II (2019-2021)

Conducted national data challenge targeted at addressing the social challenges of the BARMM region via open data. Funded by USAID via The Asia Foundation.

CIRROLYTIX RESEARCH
SERVICES

THE 2020 GEO SUSTAINABLE
DEVELOPMENT GOALS AWARD
for
For-Profit



EARTH OBSERVATIONS FOR THE
SUSTAINABLE DEVELOPMENT GOALS



E04SDG Award, 2020
Group on Earth Observations

Recognition



2019 Southeast Asia Grand Prize, Troglodyte



2020 EO4SDG Award, Project AEDES



10 Innovative AI Solutions Providers, Mirror Review



2019 Global Winner, Best Use of Data, Project AEDES



2021 Digital Public Good, Project AEDES



2021 Global Winner, Technology Award, World MAQI



2020 COVID-19 Global Winner, Best Use of Data, GIDEON



2020 Bulletin, Coronatracker



Partners and Counterparties





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