

Drones in Construction Industry – Application and Product Analysis

Case Study

Client	A leading power tool manufacturer
Industry	Power tools
Products	Drilling & demolition, cordless systems, and direct fastening systems

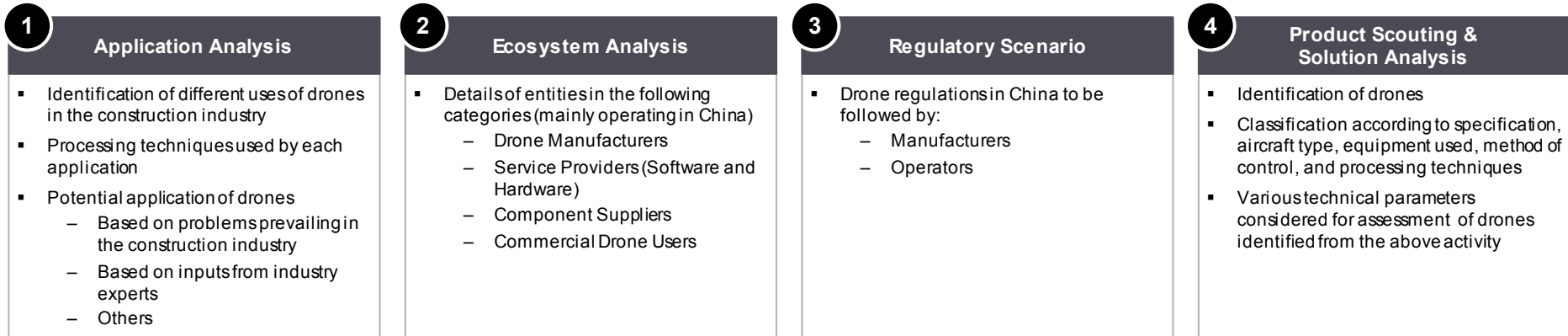
Context

- The client focused on expanding its business offerings in the construction industry by using drone technology.
- The client also focused on identifying different applications in the construction industry, evaluating various types of drones, and studying the complete ecosystem of entities working in the area of drones.

Key Business Questions

- Which types of drones are used for different applications in the construction industry?
- Who are the entities offering drone services in the construction industry?
- Which is the most commonly used drone in the construction industry?

Engagement Scope



Research Methodology

Secondary Research

- Conducted desk research to understand applications, drone technology, drone products, and the drone ecosystem
- Referred to paid databases and analyzed patents related to drones in construction

Primary Research

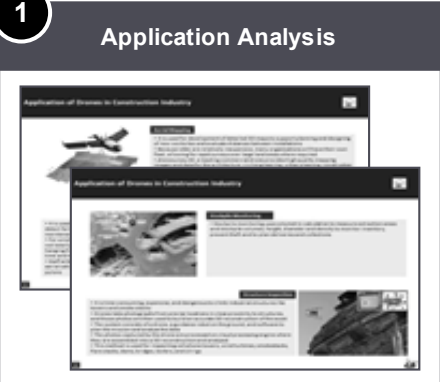
- 20+ telephonic interviews conducted with manufacturers, distributors, and industry experts

Benefits to Client

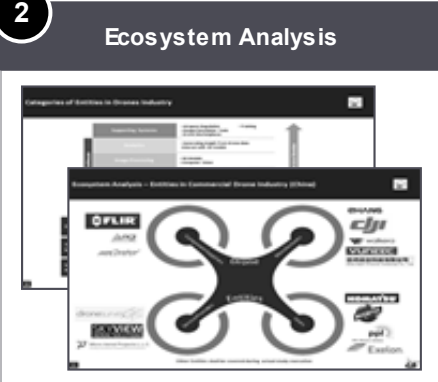
- Based on the study and recommendations, the client acquired a better outlook on drones used for different construction applications.
- The study enabled:
 - In-depth understanding of the effectiveness of drones in saving time and cost of construction activities
 - Comprehensive insights on drones that are best suited for different applications of the client

Sample Analysis

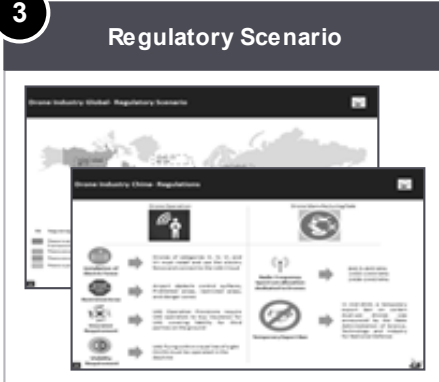
1 Application Analysis




2 Ecosystem Analysis



3 Regulatory Scenario



4 Product Scouting & Solution Analysis



Thank you

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