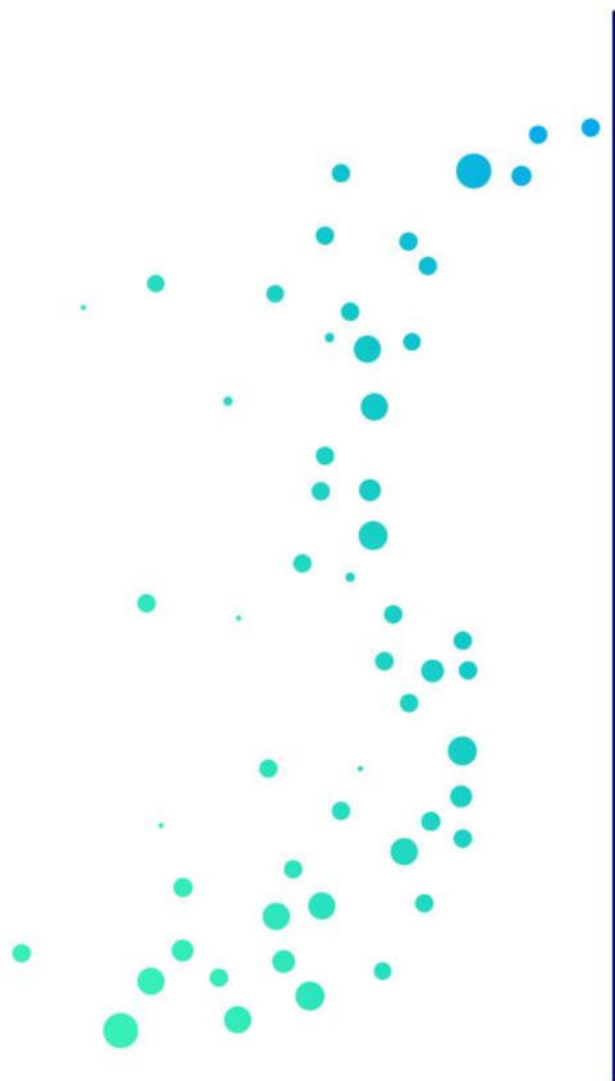




LAPD VoyagerAnalytics Trial Highlights

Prepared for: LAPD
Date: 9/18/2019



LAPD Usage Stats & Feedback

LAPD Pilot Usage Statistics

- Logins across 16 users (Training through Sept 13th): **391**
- Total Queries: **630** (Created: 584, Updated: 46)
- Profile Queries: **517** (Created: 488, Updated: 29)
- Topic Queries: **93** (Created: 76, Updated: 17)
- Warrants uploaded and analyzed: **87**
- Views of warrant messages: **2,422**
- Approximate number of warrant messages parsed and ready for quick analysis in the system: **12,876**¹



¹ Based on average number of warrant messages

Weekly Queries by User Sample

USER	User 1	User 2	User 3	User 4	Total Count
Week 1 (July 10-20)	11	2	2	7	22
Week 2 (July 21-27)	51	4	1	16	72
Week 3 (July 28-Aug 3)	82	1	1	8	92
Week 4 (Aug 4-10)	53			2	55
Week 5 (Aug 11-17)	43	2	12	8	65
Week 6 (Aug 18-24)	62		22		84
Week 7 (Aug 25-31)	53			5	58
Week 8 (Sept 1-7)	2		3		5
Week 9 (Sept 8-13)	15	1		2	18
Total	372	10	41	48	471

LAPD User Quotes

“Voyager dramatically reduces the time it takes to analyze all of this data and extract actionable/pertinent information.”

“The most significant benefit to utilizing Voyager during this period was time/cost savings in contrast to performing the same work manually.”

“Able to identify a few new targets in a much easier to read format” and “able to process warrants returns much faster which were much easier to read”

“Saved time with a 10,000+ page warrant return”

“Voyager helps investigative support staff quickly produce analytic products for decision makers and case presentations.”

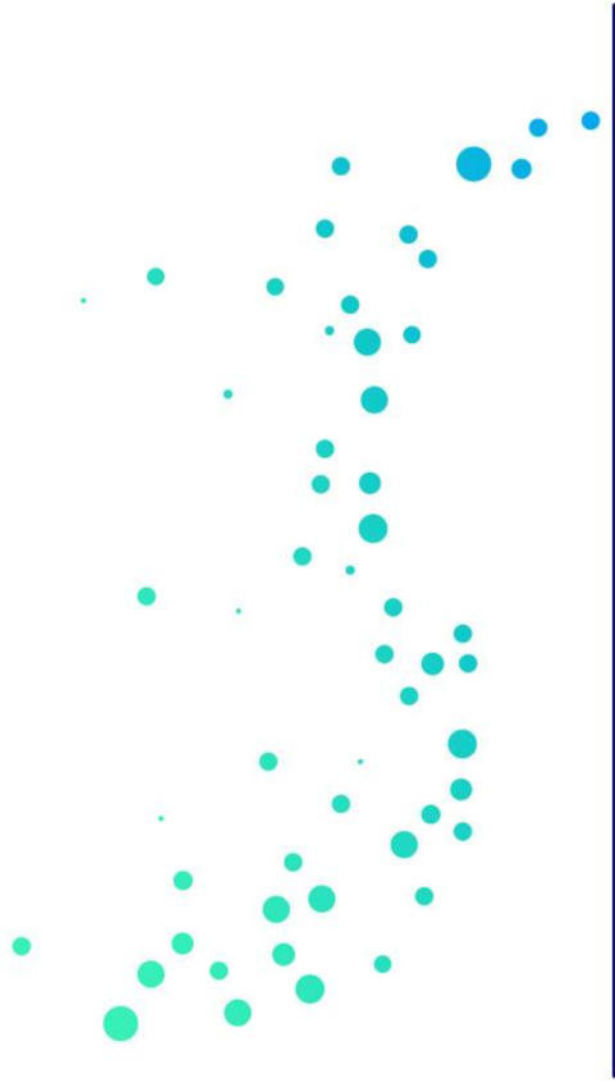




Use Cases

Examples of Use Cases Provided by Users

- LAPD officer down/murder investigation [REDACTED]
- [REDACTED] gang murder series
- Protective intelligence for County, City, & Department VIPs
- Real-time tactical intelligence [REDACTED] on Rampart 187
- [REDACTED] murders and other South Bureau violent crime series
- Hate group topics [REDACTED]
- [REDACTED] homicide involving active shooter [REDACTED]
- [REDACTED] gang officer down investigation



Future Capabilities

Feedback

○ Demonstrated Value (mid-pilot)

- **Time / Cost Savings**
- **Significant new insights** (i.e. “Examination of criminal networks at scale”)
- **Presentation** to Command; Collaboration with colleagues & prosecutors

○ Opportunity for Increased Value

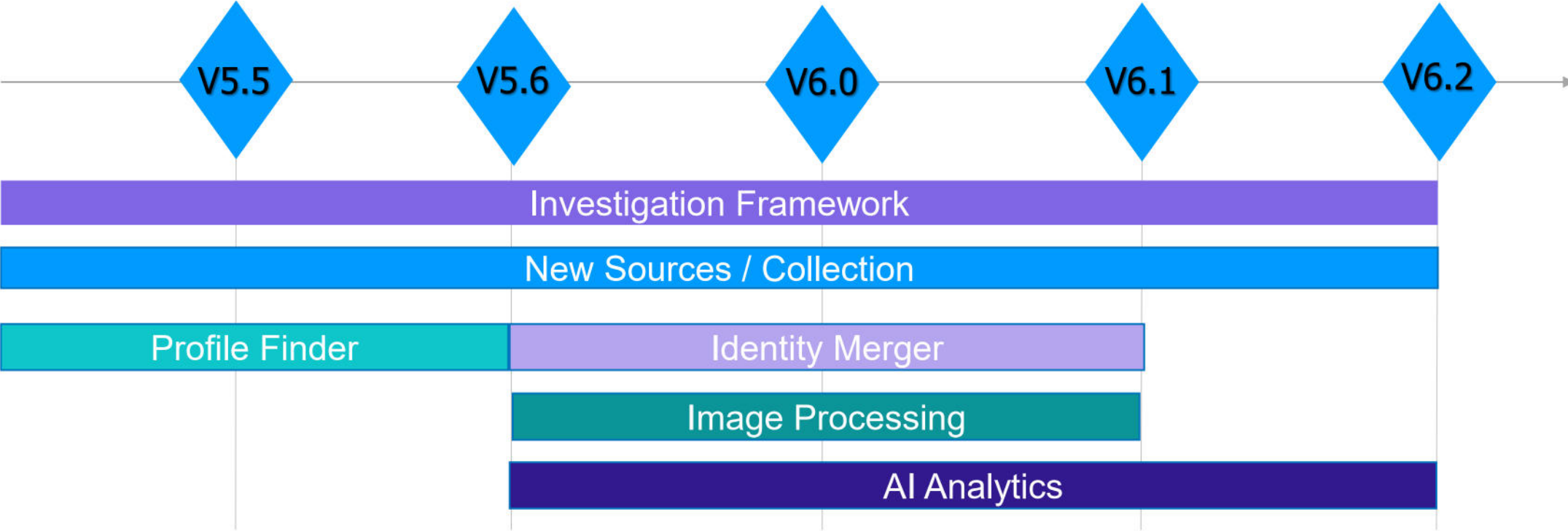
- **Profile Finder** - Comprehensive plan for a short-term delivery (internal development and 3rd party integrations)
- **Topic Query** - Roadmap: Expanded capabilities for real-time events, advanced AI analytics for results filtering

○ Requests

- Ability to Upload Previous Facebook Warrants/IG Warrants - delivered
- Active Persona – supported for Facebook, Instagram, Telegram
- Batch Upload – supported

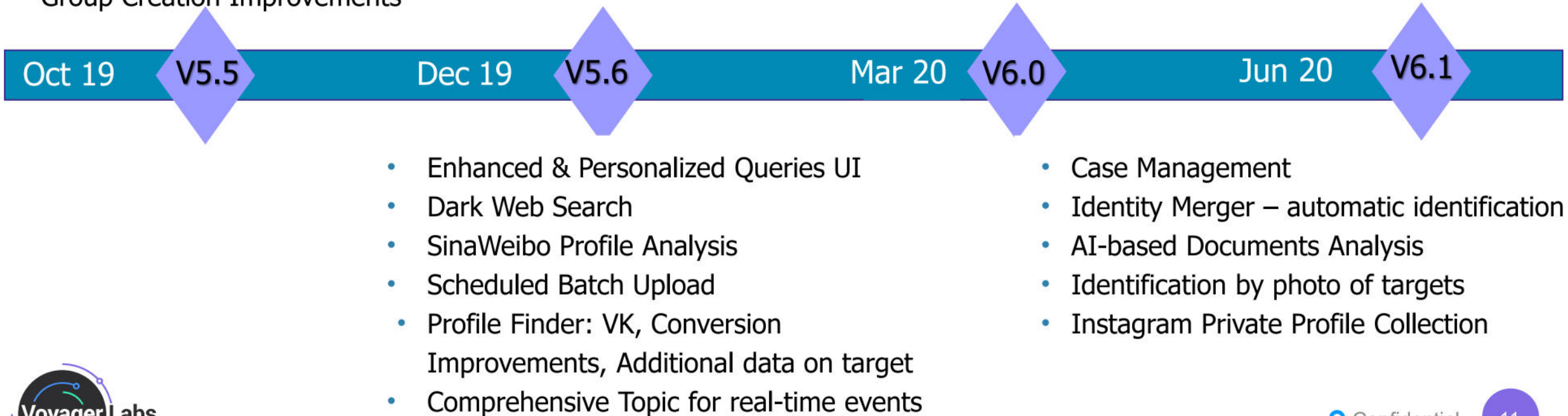


VoyagerAnalytics 2019-20 Timeline



VoyagerAnalytics 2019-2020 Timeline

- Enhanced Profile Reporting
- Instagram Warrant**
- Profile Finder Conversion Improvements
- Profile Finder results for Telegram and TrueCaller
- Profile Finder for Instagram based on name & photo
- Group Creation Improvements
- Identity Merger – unified analysis of individual’s multiple profiles
- Temporal Activity Analysis
- Inferred Geo-Location Analysis
- Object Recognition
- AI based Semantic Search in Posts
- Generic collector from Open Web



** Development accelerated to meet customer need during pilot

Confirmation of LAPD Feedback & Voyager Value Provided

- Identification of new targets and investigations to known networks
- Network Preservation
- Collaboration and Expansion of Evidence for each case
- Anonymous Collections and analytic environment for research
- Fast-tracking warrant process and cutting down time



***“Social Media is the new
21st Century Crime Scene”***

~NYPD Commissioner James P. O’Neill ‘19



Q&A