

CELEBRATING
20 YEARS

NAPCP COMMERCIAL CARD AND PAYMENT
CONFERENCE

APRIL 15-18, 2019 • MIAMI, FLORIDA

To the Stars with P-Card Jet Propulsion Laboratory, California Institute of Technology



Who We Are

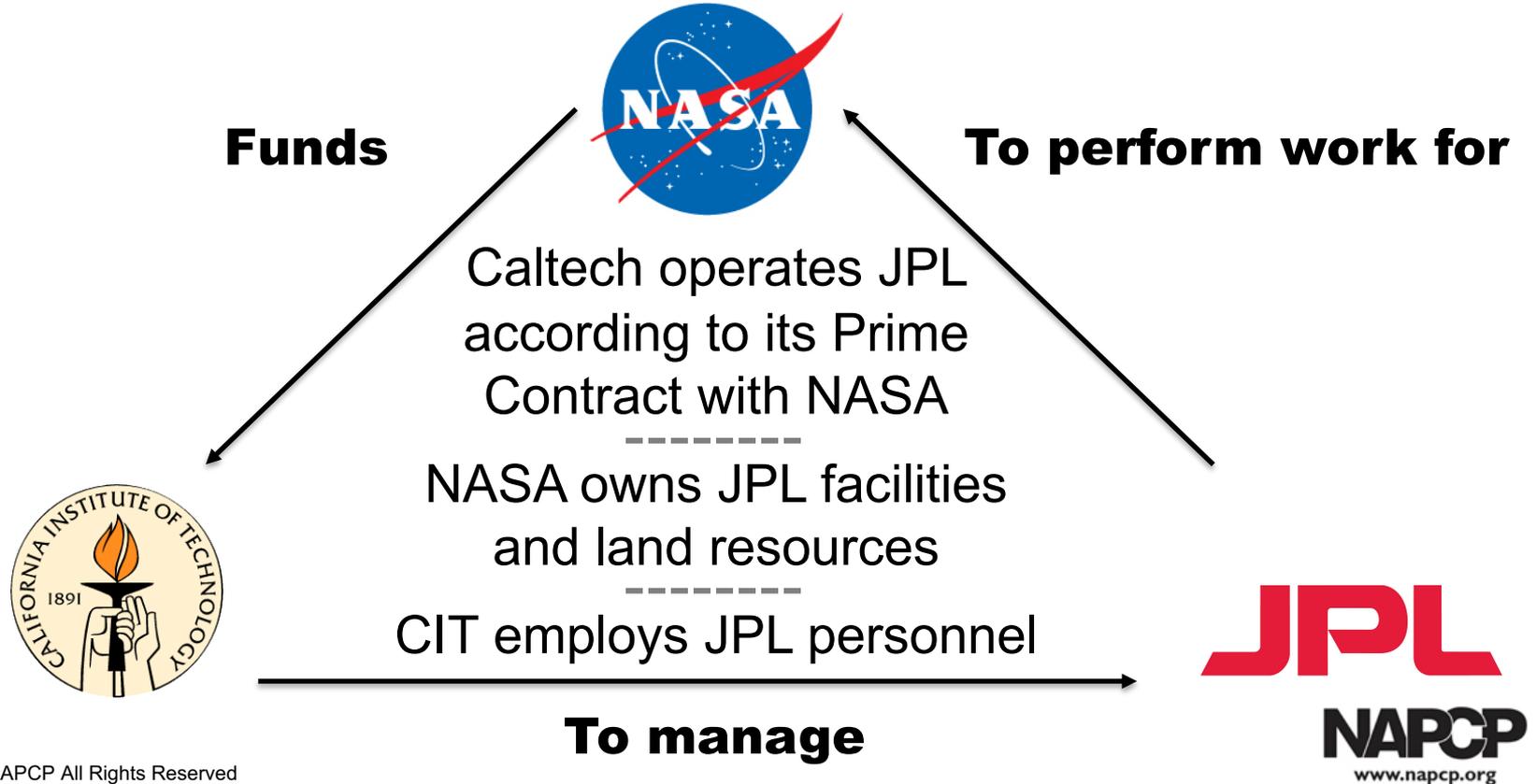
- Cameron Bloye
 - P-Card Administrator
- Antonio Ruiz
 - Group Supervisor for Strategic Sourcing



Who We Are

- Federally Funded Research and Development Center (FFRDC) managed for NASA by Caltech
- \$2.7 billion business base (fiscal year 2017)
- Planetary exploration, Earth science, space-based astronomy, and technology development
 - Developed America's first Earth-orbiting science satellite, Explorer I
 - Designed, built, and operates the four Mars rovers

Who We Are



Overview

- Program was established in 1998
- Participants
 - ~365 Cardholders
 - 100 Reviewers
- Limits
 - Single Purchase Limit is \$10k
 - Monthly Limits between \$20k and \$450k

Overview

P-Card Statistics

Fiscal Year	Transactions	Dollars
FY '14	29,799	\$15.6M
FY '15	31,716	\$16.3M
FY '16	34,210	\$21.4M*
FY '17	43,043	\$31.9M
FY '18	41,170	\$44.8M*

Why We Needed a New Tool

- Old Software created in 1998
- Not compliant with JPL IT Security Standards
- Full functionality not available above Windows 7
- Lacked real time data integration
- Manual Processes
- Paper heavy

Vision of a New Tool

- IT Compliant
- Paperless
- Real time Data Integration
- Automated Audits
- Electronic Workflow
- Customer Satisfaction

Project Research

- Benchmarking
- Identified Requirements
- Issued an RFI, reviewed responses and demos
- Developed a Business Case
- Weekly meetings with the Core Team started March 2016
- Received Investment Funding Approval in July 2016

Outcome

- In-house custom tool designed by our Enterprise Business Information Systems (EBIS) team
- Utilized EBIS developers expertise and combined that with input from consultants
- JIRA Scrum Approach
- By building in house we have the ability to constantly update and make fixes to the software

New Software Features

- Administrative Module
- Ordering/Reconciliation Module
- Control Point Workflow
- Alerts/Reporting/Auditing
- Real-time Interfaces
- Mobile Functionality (Alerts/Approvals)
- Paperless

Demo

Enhancements

- Automated Audits
- Machine Learning
- Property Tagging
- Chemical Purchasing Module

Conclusion



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