

St. Charles Parish

Information Technology Office Report

May 16th, 2022

Anthony Ayo
Director of Technology and Cybersecurity



Information Technology Team

Anthony Ayo – Director of Technology and Cybersecurity

Erik Dufrene – Computer Systems Supervisor

Kimberly Cheramie – Information Systems Specialist

Abel Dufrene – Multimedia/GIS Technician



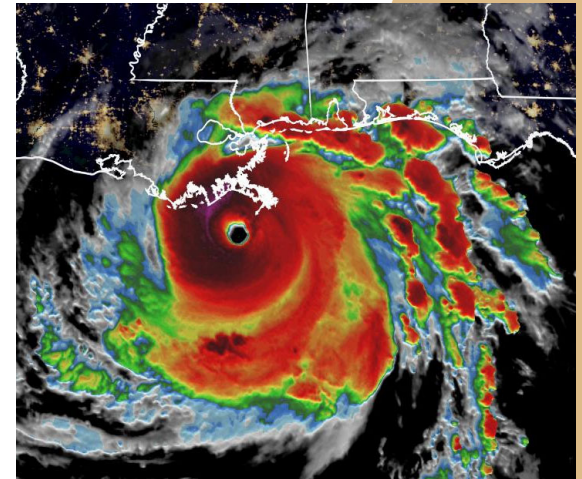
Technology Accomplishments in 2021

- .GOV Domain Transition
- Email Security Upgrades
- Network Resiliency Solutions (Starlink and Dejero)
- Datacenter Project (Phase 1)
- Multifactor Authentication Planning
- No major cyber security compromises in 2021
- Designed Network Infrastructure Plan
- Designed Security Suite Upgrade Plan
- Overcoming supply chain shortages (Planning)



Hurricane Ida Response

- Posed significant communications challenges with major outages.
- Exposed areas of improvement
- Encouraged expanded options for resiliency (limiting dependencies)
- Pivot to Cloud Solutions (Phones)
- Blue Sky Meetings



Cybersecurity Report for 2021

- Over 7 Billion Data points Analyzed
- 1,560 Investigations Evaluated
- 119 Reported Incidents
- 2 Security Compromises (User)



Investigations

Number of potential incidents that your CST ran to ground.

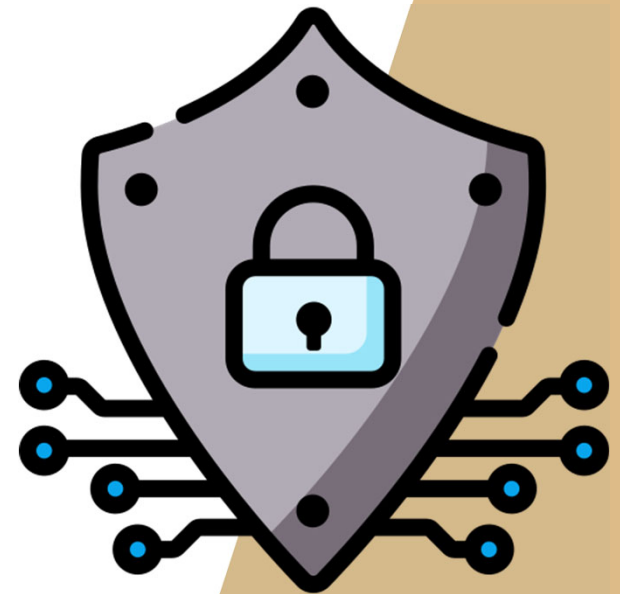
1.56 K



Reported Incidents

Security incidents that were brought to your attention.

119



Cybersecurity Report for 2022 (to Date)

- Almost 2 Billion Data points analyzed
- 91 Investigations Evaluated
- 26 Reported Incidents
- 1 Security Compromise (User)



Observations

Number of data points ingested by the sensor.

1.96 G



Investigations

Number of potential incidents that your CST ran to ground.

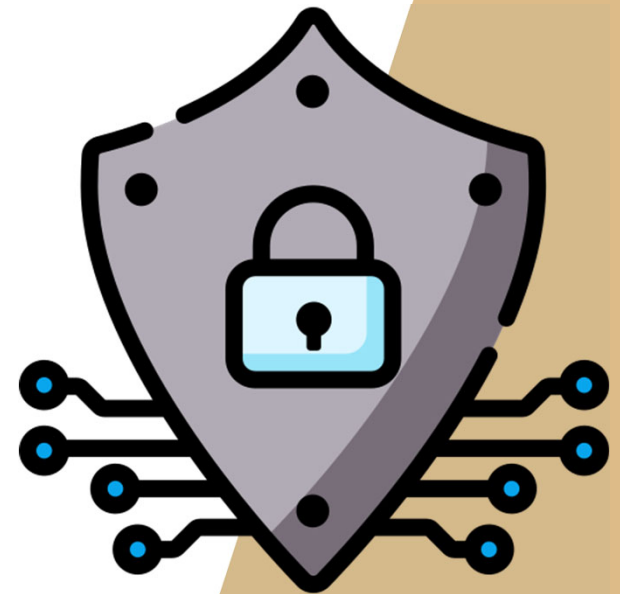
91



Reported Incidents

Security incidents that were brought to your attention.

26



Technology Goals for 2022

- Data Center Upgrades (Phase 2)
- .GOV Email Migration
- Cloud Phone Migration
- Security Suite Upgrades
- Patch management program updates
- Multifactor Authentication Projects
- Penetration Testing (after Data Center Project)
- Complete Network Infrastructure Upgrades



Thank You!

Questions or Comments?

