



# Technology and Cybersecurity

Jason Whitehouse

Director of Information Technology

[Jason.whitehouse@archden.org](mailto:Jason.whitehouse@archden.org)

St. Isidore of Seville (1655), depicted by  
Bartolomé Esteban Murillo

Why am I here?

*Storm on the Sea of Galilee -  
Rembrandt*



# Why do we exist?

We exist so that in Jesus Christ all may be rescued and have abundant life, for the glory of the Father.

# What do we do?

The Information Technology team provides a secure, reliable, and high performing technology environment for the Archdiocese of Denver.

- Pastoral Center
- Parish and school assistance
- Priests and principals
- St John Vianney and Redemptoris Mater Seminaries
- Seminarian houses
- Mt. Olivet, St. Simeon and mortuaries
- Centro San Juan Diego

# What do we do?

How can we  
be a resource  
to you and  
your parish?

Share some  
best practices  
in IT.

Answer  
questions.

# IT Help Desk

- **Contact our Help Desk**
- [mission.support@archden.org](mailto:mission.support@archden.org)
- Assistance for items such as:
  - Password resets
  - Questions about legitimacy of an email
  - MS Office application support for OneDrive, Teams, Outlook
  - Recommendations for IT hardware or support
  - Audio/Visual assistance

# [www.denverparish.org](http://www.denverparish.org)

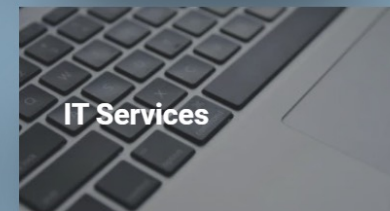
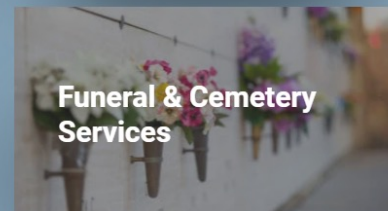
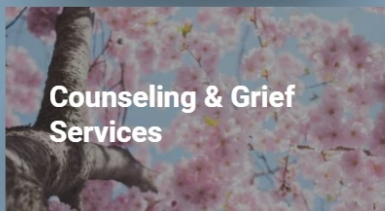
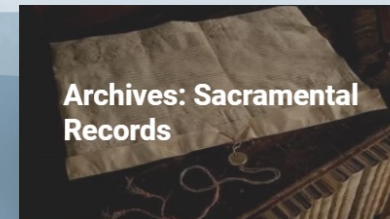
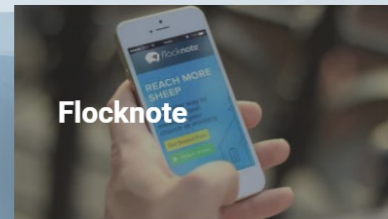
Click “I need help with...” for IT Services



[I NEED HELP WITH...](#) [★ MY ROLE IS...](#) [RESOURCES](#) [CONNECT](#)

## connected to the right person.

If you still can't find what you are looking for, contact **303.715.3123** and we will help you get to the right contact.



# Parish and School Assistance

- Review of current services for correct level of service and pricing.
- Use combined purchasing power to lower prices.
- Partner with vendors to create standard and reviewed contracts.
- Improve support from vendors.
- Building a team to respond to IT issues.
- Provide guidance when purchasing IT services and products.



# Parish Operations Management System (POMS)

## Overview

POMS is a database application that maintains key parish information, is web accessible, and is of value to priests, parish staff, and AoD personnel.

## Value Statement

Objective of POMS and system related business processes:

- Lessen the administrative workload for parish priests
- Reduce parish expenses
- Improve and streamline parish operations
- Strengthen stewardship of parish financial resources

# Printer Conference

- On July 27, 2021, we invited top copier companies to meet with us and share expertise.
- How can we best support the Archdiocese?  
Pricing, contracts, support...
- Next steps – data gathering and bidding process

## Other Conferences

Trash and Recycling

Fire protection – 9/9/21

# Cyber Threats

- Cyber criminals and hackers (Dark web)
- Ransomware
- Phishing attempts
- Data breach and theft
- My identity example –Experian
  - Spoofing site <https://www.irs-ein-tax-id.com/>
  - Actual site [www.irs.gov](http://www.irs.gov)

# Disaster Recovery Plan

Have a plan that includes:

- Emergency contact information.
- Important vendor contact numbers.
- Addresses of parish, school and any other buildings.
- Identify critical systems – hardware and software.
- Include steps to bring them back online in case of a disaster.
  - Restore from backup.
  - Cloud apps.
  - Reinstall from CD or other media.

## Data Security

### Prevent attacks using technology

- Internet provider firewall.
- Software – virus protection and malware protection.
- Windows operating system updates
  - Windows server 2012 and newer is supported.
  - Windows 7 is unsupported.
  - **Tech Soup** – discount source for non-profit software.
- Windows 11 is coming.

## Data Security

### Prevent attacks with informed employees

- Be suspicious of emails from unknown senders.
- Don't click on links unless you know the website.
- Use caution if ever asked for a username/password.
- Have different password for different sites and change passwords frequently.
- Employ a password manager, encrypted file or even notebook.
- **Multi-Factor authentication**

## Microsoft Licenses for non-profits

### Microsoft offers great non-profit pricing

- Free Faculty and Student MS Office licenses
  - Includes full suite of Office products – Word, Excel, PowerPoint, OneDrive Teams, etc.
  - Web use only
  - Ability to personalize the web domain in the email system which allows email addresses to be customized per Parish/school
    - Examples:
      - [joseph.smith@holyname.org](mailto:joseph.smith@holyname.org)
      - [BusinessManager@ourladyoflourdes.org](mailto:BusinessManager@ourladyoflourdes.org)

# Business Manager Email

## What?

- New email address issued to each business manager.

## Why?

- To improve communication with the Archdiocese
- To retain important historical data
- To keep email secure
- To allow logins to future systems
- To give secure cloud storage





# Questions?