



**LUCAS COUNTY INFORMATION SERVICES  
2019 ANNUAL REPORT**

**Operations of Lucas County  
Automatic Data Processing Center**

Respectfully Submitted

Anita L. Lopez, Secretary  
Lucas County Automatic Data Processing Board

**April 1, 2020**

**2019 ANNUAL REPORT  
OPERATIONS OF LUCAS COUNTY  
DATA PROCESSING CENTER**

**TO:** Automatic Data Processing Board,  
Lucas County Board of Commissioners

**FROM:** Anita L. Lopez, Secretary  
Lucas County Data Processing Board

**DATE:** April 1, 2020

In accordance with section 307.845 of the Ohio Revised Code this is a report of the operations of the Data Center (Lucas County Information Services) for the fiscal year 2019. LCIS is headed by a Director who reports to the Lucas County Auditor. LCIS personnel are segmented into logical functional work groups.

The systems and development staff report to the Assistant Director of Enterprise Software. The development staff consists of project managers, analysts and developers in the functional areas of Enterprise Resource Planning (ERP), tax accounting & collections, and enterprise solutions via web technologies.

The Network Services Team Lead supervises network and client support personnel. Operations personnel report to the Operations Team Lead.

The Office Manager oversees administrative, human resource and payroll functions, county web site and help desk support. The End User Support Specialist, Business Analyst and Administrative Clerk report to the Office Manager.

In 2019 Lucas County Information Services provided support to the following entities:

Adult Probation	Family Council
Appeals Court	Human Resources/CPD
Auditor's General Office	Job and Family Services
Auditor Real Estate	Juvenile Court
Board of Commissioners	Lucas County Landbank
Board of Developmental Disabilities	Lucas County Law Library
Board of Elections	Mental Health & Recovery Services
Board of Health	Municipal Courts (within Lucas County)
Building Regulations	Office of Management & Budget
Centralized Drug Testing	Olander Park
Child Support Enforcement Agency	Planning and Development
Children Services Board	Pre-Trial/Pre-Sentence
Clerk of Courts	Probate Court
Common Pleas Court	Prosecutor's Office
Coroner's Office	Recorder's Office
Correctional Treatment Facility	Records Center
County Administration	Regional Court Services
Court Services	Risk Management
Domestic Relations Court	Sanitary Engineer's Office
Canine Care and Control	Sheriff – Civil Branch
Emergency Services	Sheriff's Office/Jail
Employee Benefits	Soil and Water Conservation
Engineer's Office	Solid Waste Management
Facilities Management	Support Services

Telecommunications  
Treasurer's Office  
Vehicle Maintenance  
Veterans Services  
Waste Water Treatment  
Work Release  
Youth Treatment Center

## **DEPARTMENT OVERVIEW**

### **LCIS Core Belief**

Information technology enables local government to increase and improve levels of service to the taxpayer and the public in an effort to increase transparency and reduce the future escalation of delivery costs. In 2007 Lucas County Information Services adopted these core values as authored by the State of Ohio:

### **INTEGRITY**

Honor our Country, our State, our County and ourselves by adhering to the highest standards of moral and ethical conduct.

### **RESPECT**

Value the inherent dignity of each person. Value each employee's contribution to our overall mission. Treat coworkers, customers, and associates with courtesy, compassion, and fairness. Respect their human, civil and legal rights. Recognize that respect is earned.

### **STEWARDSHIP**

Realize we are entrusted to manage public funds and information responsibly for the benefit of the citizens in Lucas County. Promote fiscal responsibility on behalf of the best interest of the county.

### **INNOVATION**

Always look for new ways to do things better, based on business needs as opposed to proposing the change just to advance a technology agenda. Act as change agents, being proactive as opposed to reactive. Develop a plan of action and execute it. Change is part of the modern-day workplace: Be prepared to react quickly and adapt positively. Agility is key.

### **ACCOUNTABILITY**

Take responsibility for our actions, learn from our mistakes, and strive for results to improve the operations of county programs and activities. Be accountable to one another and leverage each other's success.

### **COLLABORATION**

Be team-focused, work together as colleagues within and across agencies as well as governments and other communities of interest for the greater good of the statewide enterprise and our customers. Maintain an open dialogue and support the open sharing of information. Appreciate that we are partners for progress in building Lucas County's future.

### **TRUST**

Build trust in dealing with professionals from other agencies and governments. Work toward achieving consensus. Be trustworthy, even as we trust others.

### **COURAGE**

Be resolute and confident in our actions, even in the face of uncertainty. Demonstrate leadership by taking reasonable risks that are intended to improve the services offered to Lucas County citizenship.

### **CUSTOMER-FOCUS**

Proactively meet the business needs and expectations of county employees, business partners and the citizens of Lucas County. Value each customer and strive to deliver world-class service. View technology as a tool for enabling the delivery of exceptional service through infrastructure and solutions.

### **QUALITY**

Strive for quality in the projects we undertake, the processes we manage, and the services we deliver. Meet the requirements of the job and the customer.

### **LEADERSHIP**

Be outstanding role models and actively mentor to build the next generation of leadership talent. Realize effective leadership is about the success of those on the team. Leadership is a privilege and a responsibility. Lead by example.

### **LCIS Vision Statement**

LCIS delivers “best in practice” information technologies, which forms a foundation for all Lucas County government agencies and services. This foundation supports, improves, and scales to meet the county’s business demands.

### **LCIS Mission Statement**

The mission of the Lucas County Information Services Department (LCIS) is to provide innovative and effective solutions to achieve the county’s service goals and objectives. **Our technology philosophy will assist our department to guide and implement systems in the future.** The goal of LCIS is to provide the highest quality of service in supporting the network infrastructure, client applications, client equipment and centralized computer systems. These goals will be accomplished through innovative technological leadership and the professionalism, knowledge and integrity of our staff.

### **Application Systems Group**

The Application Systems group is responsible for all major enterprise software design, configuration, and support on three (3) generations of development environments. Due to retirement of the HP3000 mainframe, this group’s primary focus is to secure Lucas County historical data from these older platforms, as well as mission critical county business enterprise applications into an environment that can be supported for years to come through web browser technologies.

### **Technology Infrastructure Group**

Infrastructure comprises data center operations, physical and logical networking, security, hardware systems design and configuration, and client PC specification and support. The infrastructure team also provides email support, end user data management via network drives, and managed Internet access. Technology research and development for our computer environment has become a major task for this department. The user community constantly expects more computing power and network speed to accomplish their daily tasks. Therefore, the coordinated strategies and tactics outlined are critical to ensure that systems can integrate effectively.

### **Administrative Support Group**

The Administrative Support group is responsible for all administrative functions for the agency as well as end user support for many county applications. The LCIS Help Desk strives to provide the highest quality of customer service through Tier 1 support to county end users. Business Analysts provide continuing training and support for the county website hosted by CivicPlus. The Administrative team streamlines our department and promotes and advances change to enable LCIS to operate efficiently and productively while meeting our users needs. We provide support to county end users so that they may provide the highest level of support to our county citizens.

## **2019 Budget Development**

In order to enable cost containment throughout Lucas County and its agencies, the county has placed an emphasis on information technology solutions delivered on an enterprise level. Successful implementations and systems integration have provided opportunities for the county to establish confidence with LCIS' abilities to deliver on their core strategies.

LCIS senior staff continue to evaluate the financial resources needed. To accomplish this goal, several parameters must be established as the foundation of the budget planning process such as future expectations, and planning assumptions. The following outline presents the steps that LCIS senior management utilized in the development of our 2019 operating plan.

## **Operating Plan Approach**

- Focus is on cost containment and meeting budgetary requirements set by the Office of Management and Budget and County Administration.
- Concentration on key projects and production support of mission critical systems.
- Focus on reducing server hardware needs and corresponding support contracts through virtualization and 3<sup>rd</sup> party support providers.
- Reduction of application support commitments through purchased solutions.
- Focus on an enterprise shared services model wherever possible.
- Planning achievable projects that result in the largest positive impact to the entire enterprise.
- Leverage enterprise-class solutions whenever possible to ensure future scalability and flexibility to allow for more agile environments and reduction of duplicated effort.

## **Professional Designations and Certifications**

Lucas County Information Services (LCIS) believes that certifications and professional designations are important goals for our department and staff members. The training programs that prepare for the certification exams improve staff knowledge base, reduce dependency on consultants, and provide for individual growth. Education and training is a high priority for LCIS to ensure our department can support current and future systems and infrastructure for Lucas County government.

### **Departmental Certifications**

CompTIA A+ Authorized Service Center  
Computer Technology Industry Association (CompTIA)

### **Individual Certifications and Designations**

Certified Computing Professional (CCP)  
Institute for Certification of Computing Professionals

Certified Novell Administrator (CNA)  
Novell Corporation

Cisco Certified Entry Networking Technician (CCENT)  
Cisco Corporation

Cisco Certified Network Associate (CCNA)  
Cisco Corporation

CompTIA Certified Computer Technician (A+)  
Computer Technology Industry Association (CompTIA)

CompTIA Certified Network Technician (Network+)  
Computer Technology Industry Association (CompTIA)

CompTIA Server+  
Computer Technology Industry Association (CompTIA)

Microsoft Certified Database Administrator (MCDBA)  
Microsoft Corporation

Microsoft Certified Systems Engineer (MCSE)  
Microsoft Corporation

Microsoft Office Specialist (MOS) Certified Master  
Microsoft Corporation

Microsoft Certified Professional (MCP)  
Microsoft Corporation

Microsoft Certified Systems Administrator (MCSA)  
Microsoft Corporation

OnBase Certified System Administrator (OCSA)  
Hyland Software

OnBase Certified Advanced System Administrator (OCASA)  
Hyland Software

OnBase Certified Workflow Administrator (OCWA)  
Hyland Software

## **ADMINISTRATIVE SERVICES DIVISION**

The Administrative Support group is responsible for all administrative functions for the agency including:

Purchasing	Contract Management,
Equipment & Software Inventory	Capital Assets Management
Budgetary Management	Human Resource/Payroll Administration
Data Processing Board Support	Lucas County Web Site Administration
LCIS Help Desk Support & Administration	IT Purchasing Support for County Agencies

The LCIS Help Desk provides Tier 1 support to county employees for Email, Microsoft Office, OnBase, Adobe Acrobat, PeopleSoft Financials, the Lucas County Web Site and Lucas County applications. The Administrative team continually strives to provide the highest quality of customer service to Lucas County end users and to streamline departmental procedures to enable LCIS to operate efficiently and successfully.

### **Key Projects and Accomplishments in 2019**

- Provided general administrative, HR and payroll support for LCIS managers and staff.
- Provided end user support for PeopleSoft Financials, GroupWise, CivicPlus (Web Site), TimeOff, LC Applications, OnBase, Microsoft Software, Adobe and basic PC support.
- Staff responded to 1194 work orders including
  - 720 password resets
  - 65 PeopleSoft Financial
  - 213 CivicPlus
  - 98 LC Applications
  - 87 general end user support
  - 11 Oracle Cloud
- Completed 183 checklists for county IT purchases.
- Managed inventory and documentation for capital assets, general inventory and disposal of obsolete electronic equipment.
- Standardized existing and created new electronic forms via Adobe Acrobat for LCIS and county agencies.
- Oversight, review and management of Help Desk activities and work orders for quality control.
- Developed work order standards for LCIS teams.
- Conducted Anti-Phishing training for Lucas County Agencies
- Streamlined receiving process and tracking of IT equipment for work orders.
- Provided assistance to county departments for purchasing Microsoft and Adobe Software through select agreements to obtain lowest pricing tier. Prepared checklists for county IT purchases.
- Provided administrative support to the Data Processing Board.
- Provided ongoing support for ERP Implementation. Developed ERP web page and newsletter.
- Maintained Departmental Employee Policies and Procedures.
- Managed end user support for Oracle Cloud Go-Live
- Completed training in Oracle Cloud Financial modules
- Reviewed, researched and drafted LCIS position descriptions to reflect a uniform format and align with current tasks and duties.

- Maintained web page audits of all county web pages and communicate needed changes to agency contacts.
- Created and published newsletter to educate and inform county web site authors and publishers.
- Oversight, review and maintenance of departmental budgets as approved for 2020.
- Development and planning for 2019 departmental budget and goals.
- Developed Help Desk and End User enhancement initiatives.
- Developed streamlined user access form and procedures for new and released county employees.
- Created and provided ongoing updates to Oracle Job Aid web pages and documents via county web site.

### **Goals for 2020**

- Provide ongoing quality support, education and training for county CivicPlus users.
- Complete annual CivicPlus web page and ADA compliance audit.
- Enhance County News on Home page with frequent updates by county agencies.
- Provide Help Desk reports to better manage LCIS projects and staffing levels.
- Development of departmental succession and backup plan for current vacancies/retirements.
- Oversight, review and maintenance of departmental budget as approved for 2020.
- Development and planning for 2021 departmental budget and goals.
- Complete training on, and become proficient in use of, new Oracle Cloud solutions.
- Hire and train new Help Desk/Admin Support staff member.
- Continue to focus on cost containment and meeting budgetary requirements.
- Continue to implement efficient IT purchasing procedures for county agencies.
- Reorganize and enhance LCIS ordering/receiving/inventory procedures.
- Ongoing review, updates and compilation of LCIS departmental policies and procedures.
- Create System Status Update web page.
- Update and enhance IT web pages.
- Continue Enhancement Initiative project for Help Desk and end user support.
- Implement work order standards policy for all LCIS teams.
- Update and Refine performance goals for both individuals and the Help Desk overall.
- Provide department HR and payroll support, coordinating with Lucas County HR
- Complete updates to LCIS position descriptions to reflect a uniform format and align with current tasks.
- Continue to provide the highest level of customer service and satisfaction.
- Develop and implement anti-phishing training initiative for Lucas County.
- Set up IBM and Apple cell phone management software for LCIS.
- Reformat and update LCIS annual report. Create monthly work order reports.
- Implement Lucas County PCard use in LCIS.

## **ENTERPRISE SOFTWARE DIVISION**

Enterprise Software is divided into three support groups. These support groups include Oracle and PeopleSoft ERP, tax accounting and collections and enterprise solutions. These groups are responsible for all major enterprise software design, configuration, deployment, and support.

The application development and support staff are responsible for:

- Maintenance and development of systems and programs used within Lucas County.
- Commercial software support and application consultancy at an enterprise level.

The support groups maintain more than 100 custom applications written in various computer languages, as well as support for several commercial software packages such as PeopleSoft Human Capital Management (HCM) and Supply Chain Management (SCM), OnBase for Enterprise Imaging, and, iasWorld from Tyler Technologies. These groups maintain the LCIS strategy and vision through enterprise solution deployment via commercial software implementation whenever possible.

### **PeopleSoft ERP Group**

The PeopleSoft group is responsible for customer production support and the implementation of new modules, updates/upgrades, and change management of the ERP system which consists of both Human Capital Management (HCM) and Supply Chain Management (SCM). Production support activities are a vital component to the support and proper utilization of the ERP system. Customer production support is provided to over 40 Lucas County agencies. The modules and support components consist of Human Resources, Benefits Administration, Payroll, Time & Labor, Self-Service, Security, General Ledger, Accounts Payable, Purchasing and Commitment Control.

### **Key Projects and Accomplishments in 2019**

- The Oracle Financials implementation started the beginning of 2019 and went live Jan 2020.
- Responded to 1,075 HCM work orders as well as 126 work orders relating to SCM during 2019.
- Completed tax and regulatory updates for HCM (Tax Update 19A-19E) and SCM (1099 Annual Update).
- Completed required updates by Rimini Street regarding business reporting and processing requirements for the Affordable Care Act.
- Provided production support for HCM modules including Human Resources, Payroll, Time & Labor, Benefits Administration, Self-Service, and Security.
- Provided production support for SCM modules including Account Payables, Purchasing, General Ledger, Commitment Control, and Security.
- Provided year-end support for SCM.
- Provided year-end support for HCM including W2, year-end processing, and audit functions.
- Provided support for departments with third-party time capture solutions and integration with HCM.

### **Goals for 2020**

- Work with the implementation partner (Sierra-Cedar) in HCM project phases identified in the SOW: (Calibrate, Configure, Validate, Transition, and Realization). The HCM implementation started January of 2020 with a planned go-live of 2021.
- Assist with the completion of tax and regulatory updates for PeopleSoft HCM.

- Continue to provide production support to Human Resources, Payroll, Benefits, and Time & Labor, Self-Service, Security, Technical, and year-end processing and auditing functions.
- Continue to learn the necessary skills to take on the responsibility of production support to include, but not limited to security administration, application and migration of patches, testing, reporting, and instance management of Oracle Financials ERP.

### **Tax Accounting Group**

The Tax Accounting group is now managed under the Lucas County Auditor.

### **Enterprise Solutions Group**

This group is responsible primarily for the design, development and maintenance of custom-built web based applications. These applications are provided to different agencies within the county and may either be accessible by the public or by county employees only. This team is also responsible for all application and end user support of Lucas County's enterprise imaging content management system called OnBase from Hyland Software.

### **Key Projects and Accomplishments for 2019**

- Assisted consultants and business owners with the upgrade of PeopleSoft SCM to Oracle Cloud.
- Created a web application for the Auditor's office to be used for tracking incoming/outgoing calls.
- Added address validation, new dog tag payment system, enhanced agency invoicing functionality, and other updates to the dog tag application.
- Completed most of the conversion of the online dog tag ordering application to be mobile device friendly.
- Created new electronic document delivery for the criminal division of the clerk of courts
- Created a new web based administration application for the forfeited land sale application.
- Deployed a separate instance of our project tracking application to the auditor's office.
- Developed a new dashboard for a quick look at work order activity and progress.
- Completed removal of a third party licensed code library from all of our custom applications.
- Deployed the ability for agencies using the custom build Time Off application to add holiday calendars.
- Completed several usability enhancements to our Time Off application.
- Completed the conversion of all reports in our custom applications to be SSRS (SQL Server Reporting Services) reports.
- Implemented bank maintained positive pay for warrants.
- Various enhancements to the project and time management tool to improve efficiency.
- Responded to 92 new work orders for our imaging software (OnBase) and 146 new work orders for custom applications.

### **Goals for 2020**

- Support the implementation of the Oracle Cloud HCM application.
- Ongoing support for the Oracle Cloud ERP application.
- Complete replacement of current imaging redaction server.

- Continue support for the new JWORKS CMS for the courts.
- Provide support for the upgrade of the OnBase documents' redaction software.
- Allow online purchase of cigarette licenses.
- Ongoing support for 62 web based applications and 7 non-web applications.
- Ongoing support for the OnBase imaging system.
- Obtain training and continue mobile application development as time and resources allow.
- Continued preparation for the next OnBase software upgrade.
- Continue enhancing our custom applications to better serve the end users.
- Provide enhanced information to users of Online Dockets if the application is experiencing problems.
- Begin migrating applications to new external and internal web servers.
- Complete OnBase API certification.

### **TECHNOLOGY INFRASTRUCTURE**

For security purposes the technology infrastructure report can be made available upon request.

**Lucas County Automatic Data Processing Board Members  
Conclusion of 2019**

Ms. Anita Lopez	Auditor, Secretary of the Board
Mr. Gary Byers	County Commissioner
Ms. Lindsay Webb	Treasurer
Judge Gary Cook	Common Pleas Court
Mr. Bernie Quilter	Clerk of Courts
Mr. Phil Copeland	Recorder
Mr. Timothy Monaco	Board of Elections, Deputy Director
Ms. Lavera Scott	Board of Elections, Director
Judge David Lewandowski	Domestic Relations Court

**Lucas County Information Services**  
Division Staff (As of 12/31/2019)

Management Staff

**Matthew Mackowiak**  
**Ron Heinold**  
*Vacant*  
**Karen Schnitkey**

**Director**  
**Assistant Director – Enterprise Software**  
Assistant Director – Enterprise Infrastructure  
**Office Manager**

Applications Staff

**Gianni Carrero**  
Chen Cao  
Shawn Russell  
Sandra Lewandowski  
Joe Szyskowski  
James Volschow  
Udaya Sharma  
Nick Steinmetz  
Michelle Weiss  
Jeremiah Bauerschmidt  
**Vacant**  
Scott Geffe  
Gary Garbers

**Applications Team Lead**  
Application Systems Analyst  
Application Systems Analyst  
Application Systems Analyst  
Application Systems Analyst  
Sr. Application Systems Analyst  
Application Systems Analyst  
Application Systems Analyst  
Application Systems Analyst  
Application System Analyst  
**Applications Team Lead**  
Sr. Application Systems Analyst  
Applications Systems Analyst

Operations Staff

**Vacant**  
Alan Mason  
Kory Koepfer  
Joshua Marks  
*Vacant*

**Computer Operations Team Lead**  
Sr. Computer Operations Analyst  
Computer Operations Analyst II  
Computer Operations Analyst  
Database Administrator

Network/Client Support Staff

**Jeremy Burnat**  
Tony Bundy  
Walter Reed  
Ruby Nolen  
Chris Veitch  
Cherie Muetze  
Anthony Hubbard  
Kevin King

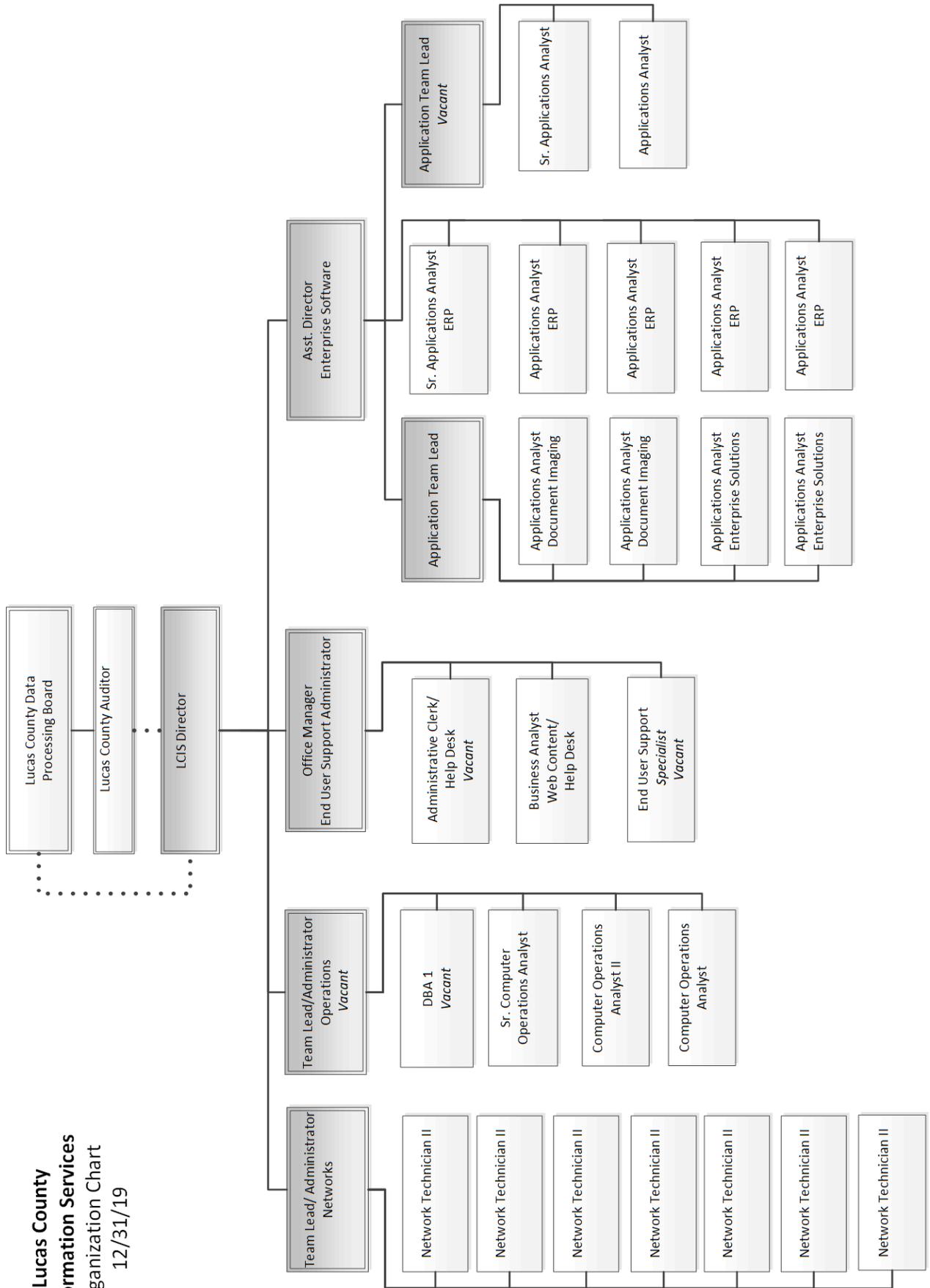
**Network Services Team Lead**  
Network Services Technician II  
Network Services Technician II

Administrative Support Staff

Karen Ramsey  
*Vacant*  
*Vacant*

Business Analyst/Help Desk  
End User Support Specialist/Help Desk  
Administrative Clerk/Help Desk

**Lucas County  
Information Services  
Organization Chart  
12/31/19**



**Lucas County Information Services**

Operational Budget – Appropriated

	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Salaries	\$1,357,615	\$1,402,702	\$1,519,212	\$1,622,218	\$1,626,631
Opers	\$189,092	\$194,628	\$212,690	\$235,014	\$222,713
Fica	\$18,199	\$20,339	\$22,029	\$24,341	\$22,281
Wkrs Comp					
Health Ins.					
Allowances	\$5,760	\$3,366	\$2,640	\$2,640	\$2,820
Allowances - Mileage				\$10	\$0
Contract Services	\$189,751	\$183,600	\$216,823	\$264,735	\$196,045
Contract Repairs	\$7,058	\$7,140	\$8,000	\$10,250	\$13,250
Professional Services	\$500	\$510	\$500	\$500	\$650
Fees			\$500	\$500	\$280
Supplies	\$4,105	\$2,754	\$3,000	\$2,990	\$1,942
Office Supplies	\$3,498	\$2,040	\$2,000	\$2,000	\$2,495
Postage	\$100	\$102	\$50	\$50	\$50
Gasoline	\$142	\$204	\$100	\$100	\$100
Advertising & Printing	\$500	\$510	\$500	\$500	\$249
Copying	\$50	\$51	\$50	\$50	\$50
Telecommunications	\$22,000	\$22,440	\$21,100	\$25,000	\$25,200
Training	\$9,460	\$12,750	\$17,500	\$22,500	\$9,821
Miscellaneous	\$500	\$510	\$0	\$0	\$0
Equipment	\$7,402	\$14,280	\$25,000	\$40,000	\$0
Equipment Parts	\$2,000	\$2,040	\$2,000	\$2,000	\$1,684
Software & Support	\$467,291	\$445,740	\$449,591	\$510,731	\$570,305
<b>Total</b>	<b>\$2,285,023</b>	<b>\$2,315,706</b>	<b>\$2,503,285</b>	<b>\$2,766,129</b>	<b>\$2,696,566</b>

Note: All appropriations listed above have been reconciled to PeopleSoft Financials.

**Lucas County Information Services**

## Operational Expenses

	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Salaries	\$1,357,615	\$1,342,054	\$1,500,389	\$1,556,356	\$1,626,631
Opers	\$189,092	\$185,891	\$201,071	\$217,448	\$222,713
Fica	\$18,199	\$18,222	\$20,754	\$21,439	\$22,281
Wkrs Comp					
Health Ins.					
Allowances	\$3,120	\$4,080	\$1,200	\$2,640	\$2,820
Allowances - Mileage				\$10	\$0
Contract Services	\$185,801	\$177,786	\$205,864	\$188,522	\$184,394
Contract Repairs	\$7,198	\$5,097	\$7,895	\$6,260	\$8,040
Professional Services	\$476	\$468	\$0	\$392	\$648
Supplies	\$2,677	\$1,933	\$3,200	\$2,757	\$2,221
Office Supplies	\$1,605	\$2,671	\$2,890	\$1,482	\$2,407
Postage	\$12	\$21	\$3	\$25	\$11
Gasoline	\$0	\$10	\$0	\$0	\$0
Advertising / Printing	\$305	\$415	\$0	\$165	\$55
Copying	\$0		\$0	\$0	\$0
Telecommunications	\$21,376	\$20,588	\$23,783	\$20,289	\$24,927
Training	\$9,334	\$10,312	\$4,700	\$9,015	\$9,737
Miscellaneous	\$165	\$500	\$0	\$0	\$0
Fees				\$97	\$234
Equipment	\$3,353	\$20,738	\$11,302	\$14,705	\$0
Equipment Parts	\$2,198	\$1,943	\$959	\$327	\$1,683
Software & Support	\$458,082	\$503,456	\$538,796	\$523,106	\$569,320
<b>Total</b>	<b>\$2,260,608</b>	<b>\$2,296,185</b>	<b>\$2,522,806</b>	<b>\$2,565,035</b>	<b>\$2,678,122</b>

## 2019 LCIS Work Orders by Agency

