

Axel Logan

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SUMMARY

Connected Solutions Technician with eight years servicing **networked medical devices** across hospitals, clinical service environments, and field deployments. Combines hands on repair of electronic, mechanical, hydraulic, pneumatic, and electrical systems with TCP/IP troubleshooting, server support, PoE switch configuration, computer systems, peripherals, and connected device setup. Experience includes FDA regulated equipment, **OEM service documentation**, **root cause analysis**, corrective action, preventive maintenance, **depot level repair**, product installation, system implementation, and post installation verification. Provides advanced field support during complex service events, guides technicians through structured diagnostics, and communicates clearly with clinical and information technology contacts. CompTIA Network+ and Security+ certified, supported by an Associate of Applied Science in Biomedical Equipment Technology and a current Colorado driver's license. Ready to contribute dependable service, practical technical guidance, and careful equipment stewardship in connected care environments.

EXPERIENCE

Senior Connected Medical Systems Technician

May 2023 - Present

Front Range Clinical Technology

Colorado Springs, Colorado

Leads advanced field service across hospital customers, supporting networked medical equipment, **connected care** deployments, complex repairs, preventive maintenance, and technician guidance. Coordinates clinical and information technology contacts while protecting system availability during installations, escalations, and on call coverage.

- Restored hospital system availability through device, server, PoE switch, and **TCP/IP** troubleshooting.
- Isolated electronic, hydraulic, pneumatic, mechanical, and electrical faults using OEM documentation.
- Validated device communication after computer, peripheral, network, and configuration changes.
- Balanced **preventive maintenance**, urgent repairs, customer schedules, and on call coverage.
- Coached field technicians through advanced diagnostics and **depot level repair** methods.
- Supported product deployments with installation, configuration, testing, and clinical handoffs.

Connected Equipment Service Technician

March 2021 - April 2023

Peak Biomedical Services

Denver, Colorado

Serviced **FDA regulated medical devices** in acute care environments, combining component repair with network and computer troubleshooting. Managed preventive maintenance, approved post installation configurations, field depot level repairs, and peer support during difficult service calls.

- Diagnosed FDA regulated devices across electronics, mechanics, networks, and computer hardware.
- Isolated connectivity faults involving PoE ports, **servers**, device addresses, and **peripherals**.
- Completed internal electrical and mechanical repairs under approved OEM procedures.
- Recorded post installation configuration changes for consistent technician follow through.
- Executed **preventive maintenance** across customer locations and escalated degraded components.
- Translated diagnostic evidence into focused next steps during difficult service calls.

Biomedical Equipment Technician II

July 2019 - February 2021

Centennial Medical Equipment Support

Aurora, Colorado

Maintained hospital equipment and supported **connected systems** through component diagnosis, preventive maintenance, installation support, and regulated service documentation. Became an escalation resource for recurring faults while building broader capability across clinical electronics and electromechanical assemblies.

- Protected clinical workflow through systematic troubleshooting of electronic medical equipment failures.
- Diagnosed hydraulic, pneumatic, electrical, and mechanical faults using schematics and test equipment.
- Checked physical connectivity, **TCP/IP** settings, workstations, and peripherals before escalation.
- Completed regulated **preventive maintenance** with accurate findings and customer schedule alignment.
- Assembled installations, confirmed configurations, tested performance, and communicated readiness to users.
- Resolved recurring device faults while serving as a dependable technician escalation resource.

Biomedical Equipment Technician

October 2018 - June 2019

Rocky Mountain Biomedical Care

Pueblo, Colorado

Performed supervised hospital equipment maintenance and corrective repair while developing practical expertise in electronic, mechanical, computer, and connected device service. Built disciplined documentation habits and customer coordination skills across regulated clinical environments.

- Performed scheduled maintenance and corrective repairs under established OEM procedures.
- Investigated faults through inspection, functional testing, manuals, and component checks.
- Replaced approved internal components and completed operational checks before release.

- Supported cable verification, peripheral setup, and basic **TCP/IP** device configuration.
- Recorded maintenance, repairs, parts usage, and equipment status for traceability.
- Coordinated hospital access with staff and senior technicians during field service.

PROJECTS

Connected Care Deployment Support 📅 2025

Supported connected medical system deployments through installation checks, device configuration, network validation, and operational testing. Clear handoffs helped clinical and information technology teams begin service with confidence.

Hospital Equipment Reliability Program 📅 2023

Coordinated preventive maintenance and corrective service across hospital equipment portfolios. Practical scheduling, fault isolation, and follow up repairs helped sustain dependable clinical availability.

LEADERSHIP & AWARDS

- Senior Technician Recognition, Front Range Clinical Technology, 2025
- Service Excellence Recognition, Peak Biomedical Services, 2023
- Technical Leadership Recognition for mentoring field technicians, 2024

EDUCATION

Associate of Applied Science in Biomedical Equipment Technology

2018

Pikes Peak State College GPA: 4.0

Colorado Springs, Colorado

Coursework: Medical electronics, anatomy and physiology, electrical systems, biomedical instrumentation

CERTIFICATIONS

- CompTIA Network+ 📅 2022
- CompTIA Security+ 📅 2024
- Colorado Driver's License 📅 2024

TECHNICAL SKILLS

- **Medical Device Service:** FDA regulated devices, OEM service documentation, depot level repair
- **Electronic Repair:** Component diagnosis, fault isolation, measurement tools
- **Mechanical Systems:** Mechanical assemblies, hydraulic systems, pneumatic systems
- **Electrical Systems:** Electrical faults, schematics, test equipment
- **Network Infrastructure:** TCP/IP, PoE switches, network settings
- **Computer Systems:** Servers, workstations, computer systems
- **Connected Devices:** Device configuration, device addresses, connected care
- **Installation Services:** Product installation, system implementation, operational verification
- **Service Operations:** Preventive maintenance, corrective action, on call coverage
- **Quality Practices:** Root cause analysis, service records, traceability
- **Technical Training:** Field technician coaching, diagnostic sequences, service procedures
- **Clinical Support:** Hospital environments, clinical users, information technology contacts

SKILLS

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|------------------------------|----------------------|--------------------------|--------------------------|
| • Medical Device Service | • Mechanical Repair | • TCP/IP | • Device Configuration |
| • FDA Regulated Devices | • Hydraulic Systems | • Network Infrastructure | • Root Cause Analysis |
| • Connected Systems | • Pneumatic Systems | • PoE Switches | • Preventive Maintenance |
| • Electronic Troubleshooting | • Electrical Systems | • Servers | |

PROFESSIONAL AFFILIATIONS

- Association for the Advancement of Medical Instrumentation member
- Colorado biomedical equipment service community participant

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST