Data Driven!

Michael Archuleta, MBA
Recognized as a Top Hospital and Health System CIO to know and named a Rising Star in Healthcare, Michael is a cutting edge, innovative, visionary leader who possesses strong leadership skills with extensive experience and a proven track record of driving increased levels of productivity, profits, high integrity customer relationship skills and expert problem-solving approaches. Michael currently serves on the board of directors for The Neural Network, a CXO advisory board facilitated by NetApp, and a Healthcare Ambassador for Fujitsu of America. He is also an active member of the College of Healthcare Information Management Executives, a cybersecurity advisor to several healthcare startups and an active Speaker within the field of Health Information Technology.

The results of this close collaboration between the hospital and Information Technology department can be astonishing: In his current role, Michael oversees all aspects of Information Technology and has led major organizational transformations. During Michael’s time serving as CIO, he led and designed the first data center while then adding virtualization efforts that reduced costs fifty six percent and improved uptime from fifty nine percent to ninety nine percent which increased business productivity, operating efficiencies and enhanced services while reducing operating expenses. This direct collaboration allows the Information Technology Team to innovate pragmatically and remain a leader and disruptor in Health Information Technology.

Under Michael’s guidance and leadership, Mt San Rafael Hospital became one of the leading hospitals in the State of Colorado for leveraging advanced technology to enhance the patient and provider experience. With Michael’s innovative, driven approach, the hospital met HIMSS Analytics Stage Six recognition on the eight-stage HIMSS Analytics Electronic Medical Record Adoption Model in 2017, a feat only reached by thirty percent of U.S. hospitals. Leveraging advanced Information Technology to improve performance for value-based health care in the areas of infrastructure, business, administrative management, quality, safety, and clinical integration the Information Technology Department has also been presented the 2015, 2016, 2017 and 2018 Healthcare’s Most Wired Award which is given annually to the top hospitals in the country making the most progress in the adoption of Health Information Technology. Through Michael’s leadership, Mt. San Rafael achieved recognition as a top scoring hospital from the 2018 Most Wired survey.
What is Digital Transformation?
Meet your new CEO!
Culture
WRONG!
Technology
Process
People

RIGHT!
People
Process
Technology
This is what a **BAD CULTURE** looks like:
Mt San Rafael Hospital **Before** Pictures:

- 59% uptime
- Home grade wireless access points
- No centralization
- Servers in house keeping closet's
- Tape solution backups
- No redundant power management
- Switches in house keeping closet’s
- No disaster recovery
- No network redundancy
- Legacy hardware and software
- No data center
- No cable management
- Legacy firewall
- No standardization
- No cybersecurity focus
This is what a **GOOD CULTURE** looks like:
Mt San Rafael Hospital After Pictures: “First Data Center”

- 99% uptime
- 99% Server Virtualization
- 90% Desktop Virtualization
- NetApp All Flash FAS Storage Solution
- New Generation Firewall
- Enterprise wireless system
- Redundant power management
- Full automated backup systems onsite & offsite
- Centralization
- Redundant Networks
- Cable management
- Standardization

“Adding virtualization efforts that reduced cost 56 percent & improved uptime from 59 percent to 99 percent which increased business productivity, operating efficiencies, & enhanced services while reducing operating expenses.” – Michael Archuleta
100 hospital and health system CIOs to know | 2019

Becker's Hospital Review is pleased to release the 2019 edition of the “100 hospital and health system CIOs to know” annual list.

The executives featured on this list lead technology and health IT initiatives for large and small healthcare providers across the U.S. They oversee EHR installations, cybersecurity, new patient portals and telemedicine advancements. Many have built robust technology departments and teams, including clinical and non-clinical experts. The individuals and institutions featured here have received recognition from the Healthcare Information and Management Systems Society and the College of Healthcare Information Management Executives, and in many cases their institutions have earned CHIME's HealthCare’s Most Wired designation.

The Becker's Hospital Review editorial team accepted nominations for this list and made selections based on editorial research and discretion. Direct questions or comments on this list to Laura Dyrda at ldyrde@beckershealthcare.com

Note: This list is not an endorsement of included hospitals, health systems or associated providers. Leaders cannot pay for inclusion on this list. Leaders are presented in alphabetical order.

Michael Archuleta, CIO of Mt. San Rafael Hospital (Trinidad, Colo.). As CIO of Mt. San Rafael Hospital, a 25-bed critical access hospital, Mr. Archuleta leads all IT services efforts, including cybersecurity and EMR systems. Mr. Archuleta helped Mt. San Rafael Hospital achieve stage 6 on the eight-stage HIMSS Analytics EMR Adoption Model in 2017, a feat only reached by 34 percent of U.S. hospitals. CHIME named Mt. San Rafael Hospital to its HealthCare’s Most Wired list for four consecutive years, most recently in 2018.
Colorado hospital Becomes One of the First Ready to Meet MU Stage 3 Objectives

Published on December 25, 2017

Mt. San Rafael Hospital

Powering Predictive Analytics with Flash

Mt. San Rafael Hospital is a community hospital serving the medical and surgical needs of Trinidad, Colorado, and surrounding areas. Under the leadership of visionary CIO Michael Archuleta, Mt. San Rafael Hospital has been named a Healthcare's Most Wired hospital by the College of Healthcare Information Management Executives (CHIME) for the past four years. The Most Wired award is given annually to the top hospitals in the country making the most progress in the adoption of health IT.

MEDHOST Announces Successful Go-Live of Mobile Medication Administration (MMA) App

Mt San Rafael Hospital Launches New Secure Sign-In System to Enhance Patient Experience
Health Information Exchange Expands to Trinidad, Colo.

Date: March 19th, 2014
Category: CORHIO e-Newsletter
Topics: HIE, CORHIO Network, Colorado Hospitals & Health Systems, Critical Access Hospitals

Mt. San Rafael Hospital and Clinic will participate in the CORHIO health information exchange (HIE) network.

Known as one of the most historic towns in Colorado, Trinidad is a quaint small community of nearly 9,000 people. With beautiful old buildings and brick-paved streets, the downtown area is straight out of the Old West. Trinidad is close to the New Mexico border, and travelers often stop by the town on their way in or out of the state.

There are a few health clinics in the community, but Mt. San Rafael Hospital and Clinic are the central hubs for health care services in Trinidad. The 25-bed hospital cares for inpatient, outpatient, and emergency room patients, and participates in the Medicare and Medicaid programs. The Mt. San Rafael Hospital Clinic has eight providers who offer mainly family medicine, pediatrics, and internal medicine.

Innovative Approach to Health Information Exchange

Mt. San Rafael Hospital and Clinic are taking an innovative approach to medical records and care coordination. Both facilities have signed on to participate in the CORHIO HIE, but not in a typical fashion. Mt. San Rafael Hospital has decided to send clinical results data to their clinic via the CORHIO system. As a second phase of the project, the hospital itself will have access to these data results via CORHIO’s PatientCare 360® secure online portal. So they are in essence creating a truly bidirectional and interoperable system of health information exchange within their network. The hospital will be one of the first critical access hospitals in the state to connect to CORHIO.

Progressive Rural Hospital Now Sending Data into CORHIO HIE

Date: September 30th, 2015
Category: CORHIO e-Newsletter
Topics: CORHIO Network, Critical Access Hospitals, Rural Healthcare

Mt. San Rafael Hospital in Trinidad is sending important clinical data into the Community Health Record to improve care in their community and statewide.

Mt. San Rafael Hospital is a 25-bed critical access hospital in Trinidad, close to the New Mexico border. The hospital and their neighboring clinic are vital in the healthcare of residents of the area. The hospital was recently awarded with Healthcare’s Most Wired award from CHIME and the American Hospital Association. This month, Mt. San Rafael started sending clinical data into the CORHIO Community Health Record, including laboratory results and admit, discharge, and transfer (ADT) notifications. Now any CORHIO participant can access the data via the PatientCare 360® web portal or through their electronic health record (EHR) system.*
Become a Data Visionary and unleash your data’s full potential!
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Thank you! 🎉
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