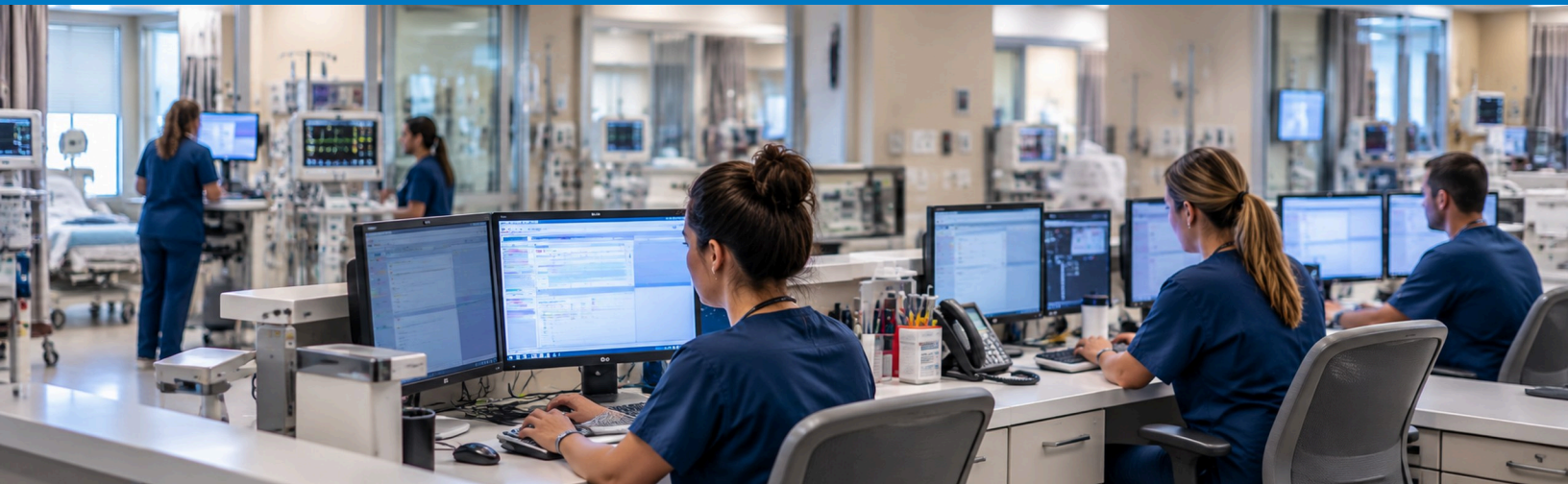




CASE STUDY · HEALTHCARE

A rural hospital keeps critical systems online with a tested internet backup.

The hospital information system depends on constant connectivity. Weaver set up Starlink as a backup ISP, reworked network routing and proved failover with a 12-hour test of 400 users.



CUSTOMER

Rural Community Hospital,
West Texas

INDUSTRY

Healthcare

PARTNERS

Starlink
Tegria (Meditech)

PROJECT TYPE

Internet backup
and failover

THE CHALLENGE

Critical hospital systems with no backup connection.

The hospital is a rural community hospital in Texas, providing critical healthcare services to its local community.

The hospital needed a reliable internet backup to support its Meditech hospital information system. The core requirement was continuous connectivity for critical healthcare operations, even if the primary connection failed.

The hospital engaged Weaver and Meditech support to explore options, including Starlink satellite internet as a backup connection.

THE STARTING POINT

Meditech

Hospital information system that depends on constant connectivity

Critical care

Healthcare operations that cannot wait for an outage to clear

No backup

No secondary internet path for the hospital information system

THE APPROACH

The Weaver Way: plan it, build it, prove it.

Weaver was brought in to collaborate on the network routing changes needed for reliable internet failover. Working with the hospital and Tegria (Meditech) through a series of team calls and careful planning, Weaver scoped the backup connection, the routing and firewall changes, and a failover testing plan to prove the design before the hospital relied on it.

PROJECT CAPABILITIES

Network infrastructure design and implementation	Backup internet solutions	Satellite internet integration
Firewall configuration and routing	Fiber installation	Extensive failover testing



The right solution is the one that fits the client's real need. For a hospital, that meant continuous connectivity, proven through testing before anyone had to rely on it.

THE RIGHT REASON · WEAVER TECHNOLOGIES

THE RIGHT IT SOLUTION

Starlink backup, new routing and tested failover.

Weaver delivered a complete solution: planning, setting up Starlink as the backup ISP and making the network routing changes needed for internet failover.

CONNECTIVITY

Starlink backup ISP

Satellite internet set up as a secondary connection for the hospital's critical systems.

NETWORK

Fiber, firewalls and routing

New fiber run, firewalls configured and routing changed so traffic fails over correctly.

VALIDATION

Extensive failover testing

A 2-hour test and a 12-hour test with 400 users, both completed without glitches or latency issues.

THE RIGHT TIME

Two to three months, tested before trusted.

The project took about two to three months, with multiple team calls and careful planning. Weaver ran fiber, set up Starlink, configured firewalls and completed the routing changes, then validated the design with extended failover tests.

1

Plan

TEAM CALLS

Options and routing changes worked through with the hospital and Tegria (Meditech).

2

Build

FIBER AND FIREWALLS

Fiber run, Starlink set up and firewalls and routing configured.

3

Test

2 HOURS

An initial 2-hour failover test completed successfully.

✓

Proven

12 HOURS, 400 USERS

An extended failover test with no glitches or latency.

OUTCOMES

Continuous connectivity for critical care.

The hospital now has a reliable backup ISP. The immediate benefit is assurance that critical hospital operations stay connected if the primary internet connection fails. Both failover tests ran without glitches or latency issues, and the design can serve as a model for other hospitals and public entities seeking the same reliability.

■ Reliable backup ISP	■ Continuous connectivity for Meditech	■ Successful 2-hour and 12-hour failover tests
■ No glitches or latency in testing	■ Coordinated with Tegria (Meditech)	■ A model for other hospitals

THE RIGHT REASON

Built around the real requirement

Weaver focused on what the hospital actually needed, continuous connectivity, and proved it with testing rather than assumptions.

Network expertise and collaboration

Weaver's experience with network services and close work with the hospital and Tegria (Meditech) kept the changes and testing smooth.

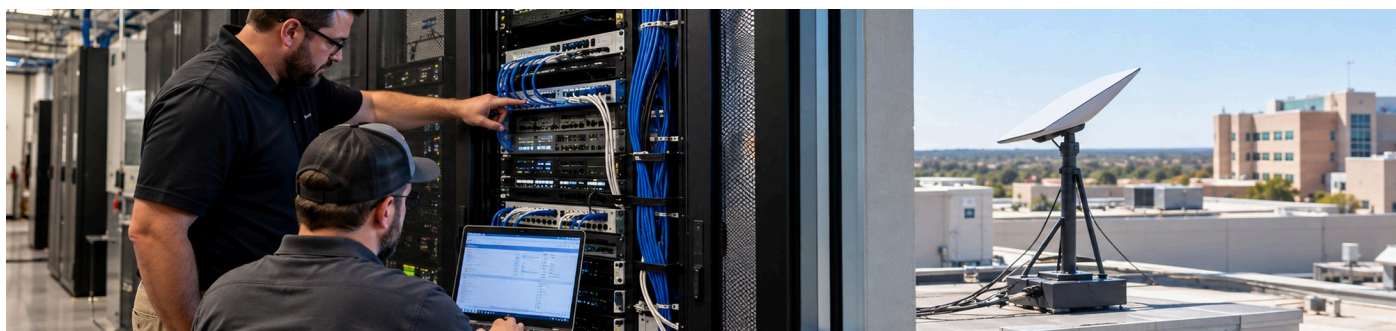
A COMMON CHALLENGE IN HEALTHCARE

Rural hospitals often have fewer options for a second internet connection, yet their clinical systems depend on staying online. A backup path, correct routing and real failover testing turn a single point of failure into a planned, proven design.

Is your internet backup proven?

Weaver can review your connectivity and routing and help you plan and test a backup that fits your hospital.

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ABOUT WEAVER

Dell Titanium Partner. Since 2006, Weaver has helped organizations build IT strategy and security so they can focus on their craft. We serve education, state and local government, healthcare and commercial customers across the U.S. and internationally.

WEAVER

Right IT Solution.
Right Time. Right Reason.