This is after McDonough said

he was not aware of harm to

patients caused by the

system and would halt its

rollout to other centers if it

was determined it increased

risk to veterans. The report

further savs Remv had been

informed of specific cases of

harm in November 2021 and

was told the problems were

Four days later, McDonough

announces his confidence in

the Cerner system has been

The VA Office of Inspector

General releases its report of

the Cerner system rollout The

revealed the previous month.

A second report shows VA

leaders in charge of training

about how many employees

had passed readiness tests

before the system launched.

Documents obtained by The

Cerner system has crashed

much more often than had

been previously reported by

the VA. The system had been

outages more than 180 times

An Oracle official says she's

confident the VA system will

become "the standard bearer

"nothing we have discovered"

caused us to waver from that

A day later, the VA announces

it will again delay rollout of

the Cerner system in Boise.

In a Senate hearing the next

day, it's revealed an analysis

shows the system rollout –

which was supposed to cost

\$16.1 billion over 10 years — is

billion over 13 years and then

now expected to cost \$33.6

\$50.8 billion to sustain over

Remy admits to the Senate

Appropriations Committee

improvements.'

executive tells

the committee

An Oracle

for the industry" and that

since buying Cerner "has

degraded, suffered "down-

town" or had full or partial

just since the previous

September.

conviction."

Spokesman-Review reveal the

had misled investigators

an internal investigation of

Spokesman-Review had

region

not fixed

shaken

**JULY 19** 

# **FURTHER REVIEW**

## 1996

An advisory committee set up by President Bill Clinton recommends the Department of Defense develop a "mechanism for computerizing medical data" and says the Pentagon and the Department of Veterans Affairs "should adopt standardized record-keeping to ensure continuity." The VA is using an electronic health system called VistA, developed in house and launched in 1978. The DoD is using a separate system later renamed AHLTA.

## 2008

2013

Congress directs the DoD and the VA to develop health record systems with "full interoperability" and to set up an office to coordinate that effort.

### After years of interdepartmental bickering, the effort to pursue a shared system is abandoned when the Department of Defense opts to buy a commercial health record system In frustration, Congress again mandates the DoD and VA come up with a system with an "integrated display of data or a single electronic health record."

2015 After an open bidding process, the Pentagon awards a \$4.3 billion contract to a

group of companies including Cerner of Kansas City, Missouri — for an integrated health record system.

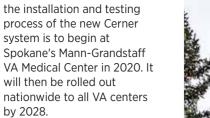
# 2017

**FEBRUARY** 

The Department of Defense launches the Cerner Millennium health record system at Fairchild Air Force Base and then begins rolling it out to other bases in Western Washington. It isn't long before reports surface of missing prescriptions, lost referrals and system crashes.

## MARCH

President Donald Trump puts his son-in-law, Jared Kushner, in charge of a new White



### **NOV. 29**

The Department of Veterans Affairs says it will delay the opening of a 24-hour urgent-care center at Mann-Grandstaff until the system upgrade is up and running. 2020

# **JAN. 29**

Sen. Patty Murray, who's on the Senate Veterans' Affairs Committee, urges the VA executive in charge of the system rollout to address staffing and facility concerns at Mann-Grandstaff.

## **FEB. 3**

Wilkie announces he has dismissed VA Deputy Secretary James Byrne, who had been overseeing the system rollout, "due to loss of confidence in Mr. Byrne's ability to carry out his duties." Later that month, Wilkie takes on leading the Cerner project himself. **FEB. 12** 

### The VA requests an 82%

increase in spending in 2021 for its electronic records modernization project. The next day, the VA says it will push back the rollout of the Cerner system — which had been planned for the next month — in order to make more time for installation and training. **APRIL 27** 

#### A Government Accountability Office report reveals that

three members of Donald Trump's Mar-a-Lago resort had advised on various VA projects including its contract with Cerner.

### **OCT. 23**

The VA finally launches the Cerner Millennium system at Mann-Grandstaff. It's what developers call "capability set 1.1" — essentially, an unfinished version that doesn't

include some functions needed at larger hospitals. Staffers say



TRIBUNE NEWS SERVICE

**Jared Kushner** 

later they

on some parts

of the system

because they

working yet.

They said they

assured those

ready on time.

weren't

had been

functions

would be

2021

**FEB. 11** 

The Government Accountabil-

ity Office recommends the VA

medical center until problems

Mann-Grandstaff have been

Newly-installed VA Secretary

Mann-Grandstaff officials say

employees have raised 247

patient safety concerns

VA officials tell a House

related to the new system

Primary care productivity had

declined by 38% at one point

after the launch, officials say.

subcommittee it would delay

using the system elsewhere in

Congress approves another

\$2.6 billion for the Cerner

rollout. New estimates are

estimates had been \$16

Following a 90-day review,

McDonough tells a Senate

adopting the new system. He

says the problems have been

caused by bad management

and planning and not by the

Committee he's halting

further hospitals from

that the new system will cost

a total of \$21 billion - original

Denis McDonough orders a

"strategic review" of the

Cerner system and its

reported issues.

APRIL 14

the U.S.

JUNE

billion.

**JULY 14** 

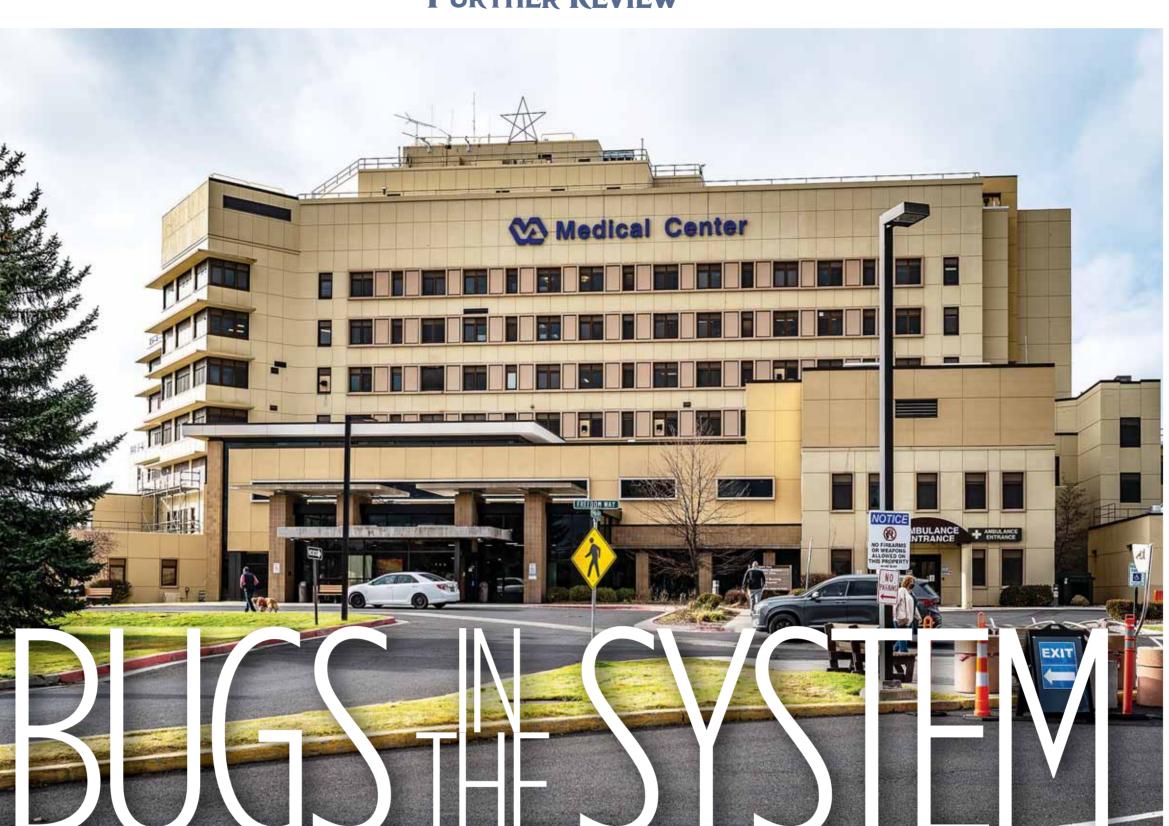
postpone the use of the

that are surfacing at

addressed.

**MARCH 19** 

Cerner system at any other



It was supposed to be a major update of 40-year-old software that keeps track of patients' medical records and allows their doctors at the Department of Veterans Affairs' roughly 1,300 clinics and hospitals to order tests, prescriptions and follow-up visits.

What's more, the new system would be compatible with a new system being installed by the U.S. military.

What it was, however, was a failure from the start. The system didn't work as it was supposed to. Care to veterans was delayed. Patients missed important

medications. The system crashed repeatedly, creating more work for medical providers. Promises for fixes weren't kept. Officials were caught lying about the severity of the problems.

Two years after it was installed at Spokane's Mann-Grandstaff VA Medical Center, the Cerner Millennium software still doesn't work well...

Here's a recap of the entire Cerner Millennium saga, as covered by the Spokesman-Review's Orion Donovan-Smith, Arielle Dreher, Thomas Clouse, Kip Hill and others.

**COLIN MULVANY/THE SPOKESMAN-REVIEW** 

Remy visits Mann-Grandstaff. During his visit, the Cerner system crashes and remains down for about 45 minutes. It crashes again the next day during a House VA subcommittee hearing about the system. **MAY 8** 

hours later although some

records remain inaccessible

throughout the next day. VA

officials later say all patient

of the following week.

**MARCH 15** 

data was restored by the end

After a veteran is admitted to

Mann-Grandstaff for heart

failure, staffers discover a

medication that had been

of the Cerner system had

prescribed before the launch

expired but wasn't shown in

the system. Reports released

two days later cite 21 different

medication-related problems

Remy says the VA will go on

with launching the Cerner

system in Walla Walla later

day at Walla Walla and its

would return to normal in

about three months.

**APRIL 25** 

number of patients seen each

affiliated clinics will drop but

McDonough says the Depart-

ment of Veterans Affairs will

not need to request more

money from Congress to

complete the rollout of the

Cerner system. This comes

after an Inspector General's

report that the new system

would cost an additional \$2

rollout runs behind schedule.

Spokesman-Review he's not

aware of any other cases -

patient at Mann-Grandstaff -

in which a veteran has been

harmed in connection to the

besides the heart failure

Cerner system.

**APRIL 26** 

two outages

on April 26

and 27. Six

have taken

VA says.

es that

construction

such outages

billion for each year the

McDonough tells The

that week. He says the

reported by employees.

**MARCH 22** 

prescription for heart

The VA confirms the Cerner system has had 42 "unplanned degradations" and eight "unplanned outages" — for a total of 30 hours and 33 minutes - since its launch in 2020, not

counting the

that the Cerner system

28 years.

**SEPT. 21** 



House effort to infuse government with business ideas. One of his first projects: integrating medical records of the VA and the Department of Defense.

JUNE 5 VA Secretary

David Shulkin announces his department's electronic health record system will be replaced by one by Cerner. Trump praises the system, saving it will mean "faster, better and far better quality care" and calls it "one of the biggest wins for our veterans in decades."

The contract to replace the VA system was awarded without going through a competitive bidding process. The justification: The Cerner system is the same one the DoD is switching to.

# 2018

### MARCH

Shulkin leaves his job, claiming Trump has ousted him for resisting efforts to privatize the VA. The next month, Trump nominates Robert Wilkie – who was overseeing the Pentagon's rollout of the Cerner system -

as acting VA secretary.

## MAY 1

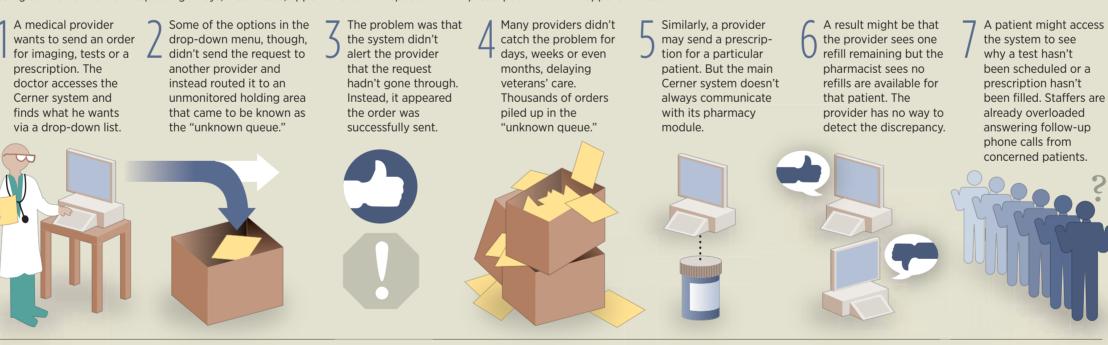
Wilkie signs the \$10 billion contract with Cerner, despite a Pentagon report in April finding the system was riddled with problems and was neither "effective" nor "suitable." The next day, Trump nominates Wilkie to serve as permanent VA secretary.

## **OCT. 17**

During a visit to Fairchild Air Force Base, Wilkie announces

# PART OF THE PROBLEM WITH THE CERNER SYSTEM

The Cerner Millennium system was designed to keep track of patient information and to allow medical But here's what caregivers to send orders requesting X-rays, blood tests, appointments with specialists and prescriptions. happened instead...



## THE CERNER SYSTEM AT MANN-GRANDSTAFF

Orders that had to Number of One patient was Cases of "minor be re-entered into man-hours found with this harm" caused to the Cerner system it took to many orders in patients due to in its first 8 months re-enter the "unknown" the misrouted that data. of operation. queue orders.



An hour later, the system at Mann-Grandstaff crashes and doesn't come back up for 80

VA employees of Mann-Grandstaff have made 576

minutes



COLIN MULVANY

THE SPOKESMAN-REVIEW

Donald Remy

at Mann-Grandstaff say they are exhausted, burned-out and are considering quitting Despite McDonough's earlier promise to not roll out the system to other VA hospitals until issues at Mann-Grandstaff had been fixed, the VA

Cases of "moderate

an increased care

level or a longer

hospital stay.

**DEC. 20** confirms it plans to begin Austin, Texas-based software using the system in Columbus, giant Oracle announces it will Ohio, in February. After that, acquire Cerner for about the system will be brought to \$28.3 billion.

Case of "major

could have caused

death or permanent

loss of function.

clinics.

harm," resulting in harm" that caused or

Walla Walla and its affiliated DECEMBER In a Spokesman-Review

report, veterans and current VA employees describe a system that slows treatment and threatens patient safety, despite VA officials calling the transition "flawless."

# **JAN. 14**

further deployment of the

addressed.

**FEB. 3** Rep. Cathy McMorris Rodgers asks the VA to delay rollout of

the Cerner system in Walla Walla until the ongoing problems have been

Cerner system or a

**2** were caused by the

Department of Defense,

which is also using Cerner.

component of the system.

2022 The VA announces it will delay

Employees are told to enter into the system later.

in Seattle and elsewhere in the Puget Sound region, scheduled for August, will be pushed back until March 2023. Four days later, the VA says it'll delay the rollout in Boise, planned for the following weekend, until July.

**JUNE 18** The Spokesman-Review reports that a VA draft report says the Cerner system has failed to deliver more than 11,000 orders for specialty care, lab work and other

**JUNE 17** 

services and has caused harm to at least 148 veterans in the

that Oracle will rewrite the Cerner system as a new. cloud-based application

**Denis McDonough** 

would likely cause a 12-hour outage of the Cerner system. The hospital says the outage won't affect patient care.

A watchdog report reveals Mann-Grandstaff has failed to collect and report data needed to maintain the hospital's accreditation since launching the Cerner system 20 months before. Of 103 performance metrics monitored by the VA, only 13 are available from the Cerner

Grandstaff or other hospitals using the Cerner system. system, the report says. **OCT. 13** 

Oracle's acquisition of Cerner is finalized. Oracle founder Larry Ellison promises to modernize the Cerner Millennium system and to "make it much easier to use."

VA officials say the scheduled

Atmospheric Administration announces it will join the joint Oracle Cerner system in the summer of 2023.

## **DEC. 9**

A VA official says the VA will hire 1,000 new IT workers to help with the rollout of the Oracle Cerner system.

#### Sources: Compiled from original reports by Spokesman-Review staff reporters Orion Donovan-Smith, Kip Hill, Arielle Dreher and Thomas Clouse

Find the paper's coverage collected here: spokesman.com/sections/ veterans-affairs-investigation/

Other sources: Propublica.Becker's Hospital Review, Healthcare Innovation, FedScoop Compiled by Charles Apple

would be available in 2023. **SEPT. 28** VA Undersecretary for Health Shereef Elnahal says that budget shortfalls resulting from the Cerner rollout will not result in cuts to service at Mann-

The VA announces it will

again postpone rollout of the

Oracle Cerner system at other

JUNE 9

hospitals. **NOV. 22** 

The National Oceanic and

rollout of the Cerner system

that will address many of the which providers at

problems with Mann-Grandstaff have struggled. He says a beta version of the new system will

## **JUNE 1**

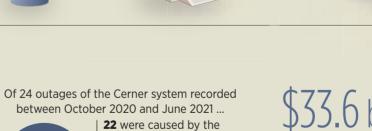


over the weekend

place in just the past two months, the **MAY 27** Mann-Grandstaff announc-

TRIBUNE NEWS SERVICE

# be delivered as a "cost-free upgrade" to the VA and



The expected total cost of installing the Cerner system across the entire VA system, according to testimony at a Senate hearing in July.

MARCH 3 Work halts at Mann-Grandstaff when "a code defect" in an update to the Cerner system corrupts data for more

than 200 patients. Admissions are halted and ordering medications, lab tests and imaging requests are limited. "assume all electronic data is corrupted/inaccurate" and to write down information to

Cerner system in Columbus until the end of April due to a surge of COVID-19 cases there.

The system is restored 201/2