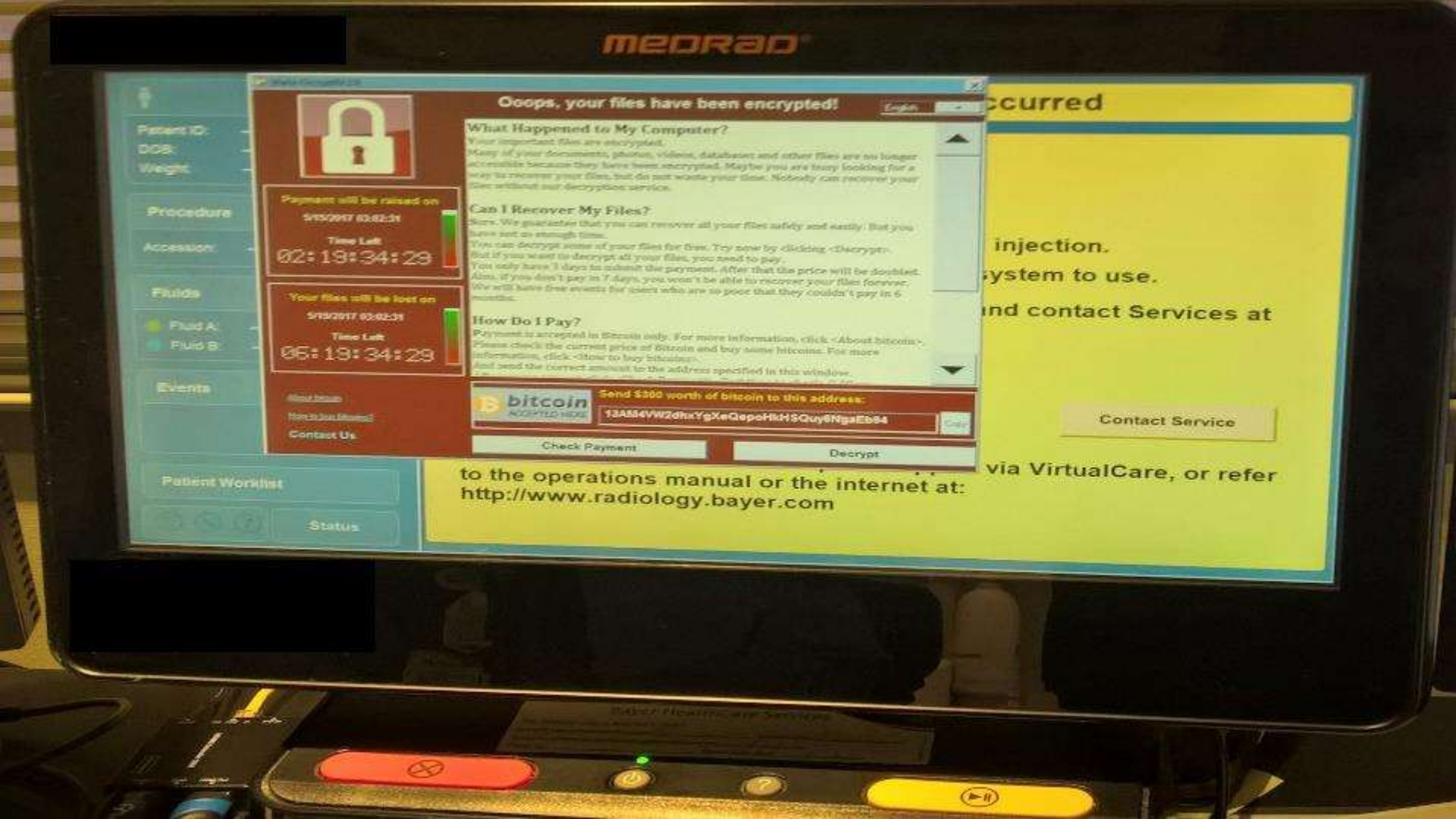
# WannaCry Response: How Information Sharing and IOC Collection Made a Difference in Healthcare

**HITRUST**
Carl Anderson, Chief Legal Officer and
Senior VP of Government Affairs


MEDRAD
Ooops, your files have been encrypted!
What Happened to My Computer?
Can I Recover My Files?
How Do I Pay?
Payment will be raised on
5/15/2017 03:02:31
Time Left
02:19:34:29
Your files will be lost on
5/19/2017 03:02:31
Time Left
06:19:34:29
About bitcoin
How to buy bitcoins?
Contact Us
bitcoin
ACCEPTED HERE
Send $300 worth of bitcoin to this address:
13AM4VW2dhxYgXeQepoHkHSQuy6NgaEb94
Copy
Check Payment
Decrypt
Patient ID:
DOB:
Weight:
Procedure
Accession:
Fluids
Fluid A:
Fluid B:
Events
Patient Worklist
Status
ccurred
injection.
system to use.
nd contact Services at
Contact Service
via VirtualCare, or refer
to the operations manual or the internet at:
http://www.radiology.bayer.com

# WannaCry Timeline


Microsoft Patch
March 14, 2017

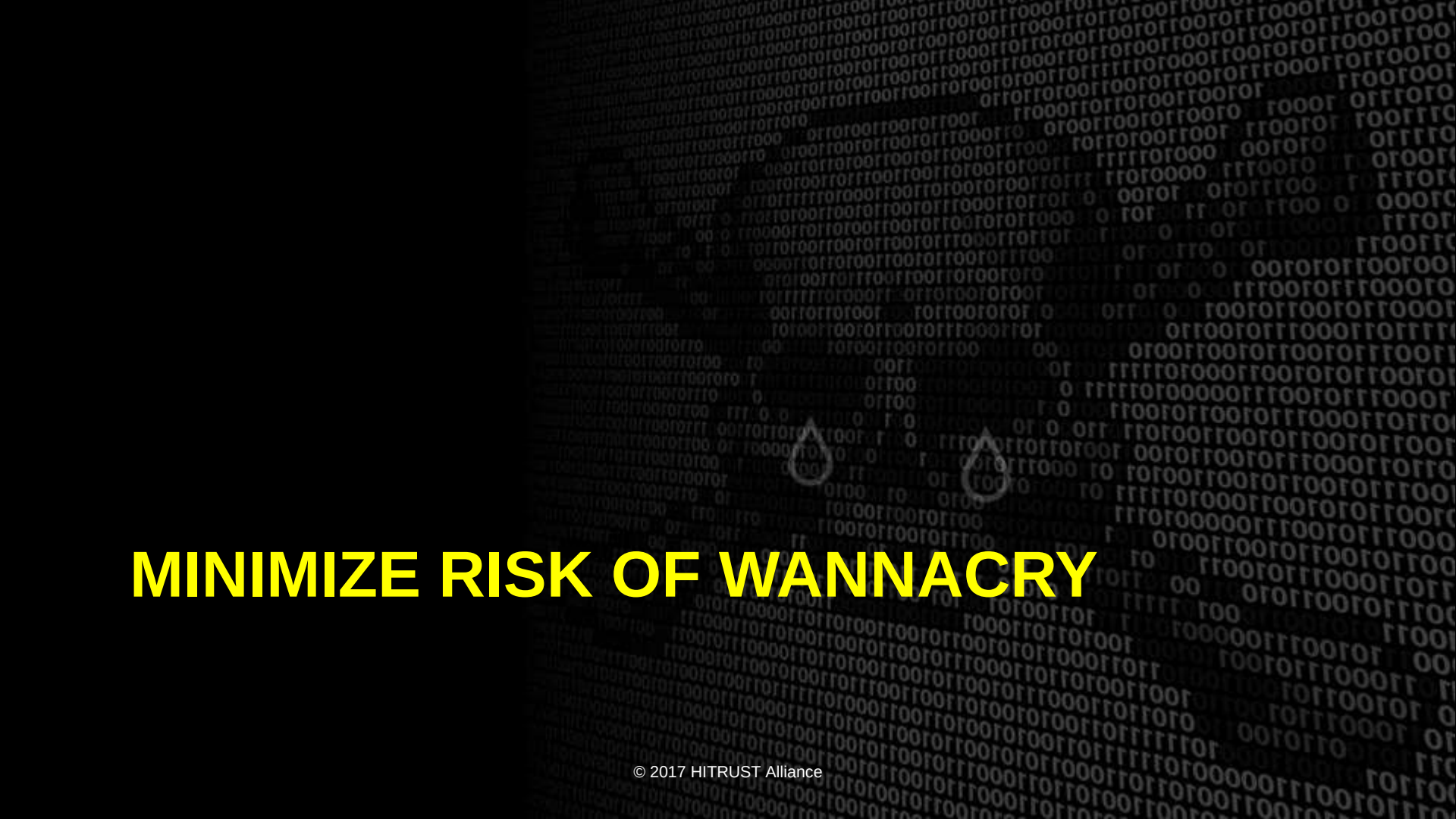

Shadow Brokers
Leak Tools
April 14, 2017

WannaCry/WCRY 1.0
April 14, 2017

HITRUST CTX
Detects &
Automatically
shares IOC's
May 2, 2017

WannaCry/WCRY 2.0
May 12, 2017

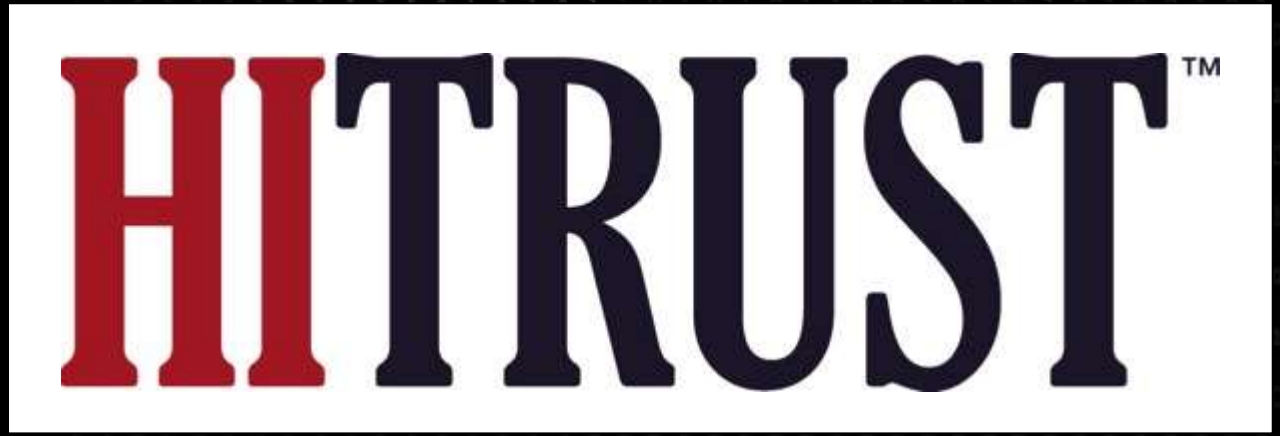
# March 14, 2017



# MINIMIZE RISK OF WANNACRY

# HITRUST Cyber Threat XChange (CTX)

- **The HITRUST Cyber Threat XChange (CTX)** was created to significantly accelerate the detection and response to cyber threats targeted at the healthcare industry.
- WannaCry indicators were detected several weeks in advance of the outbreak.
- The CTX system detected indicators over SMB early in the attack lifecycle and automatically issued IOC's to all CTX participants for protection.
- Various indicators were collected and shared including WannaCry hashes, URL's and C&C IP's. CTX distributed actionable indicators automatically and seamlessly to the CTX organizations to protect their environments from attack.
- CTX greatly reduces the risk of cyber attack or breach of both known and unknown threats including ransomware by detecting threats across all stages of the attack lifecycle including lateral movement and sharing those threat indicators in near real-time.

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