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*pharma*  
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Establishing Processes  
and Controls to Ensure  
an Inspection-ready TMF  
Every Day

Webinar



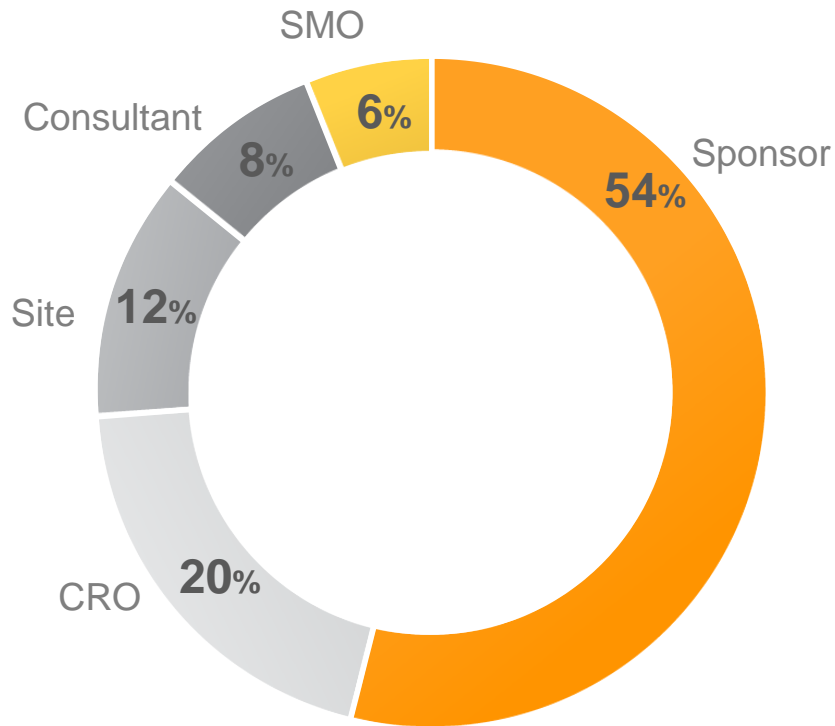
**Rebecca Moraris**  
Director,  
Clinical Management



**Michael Burton**  
Director,  
CRO Alliances

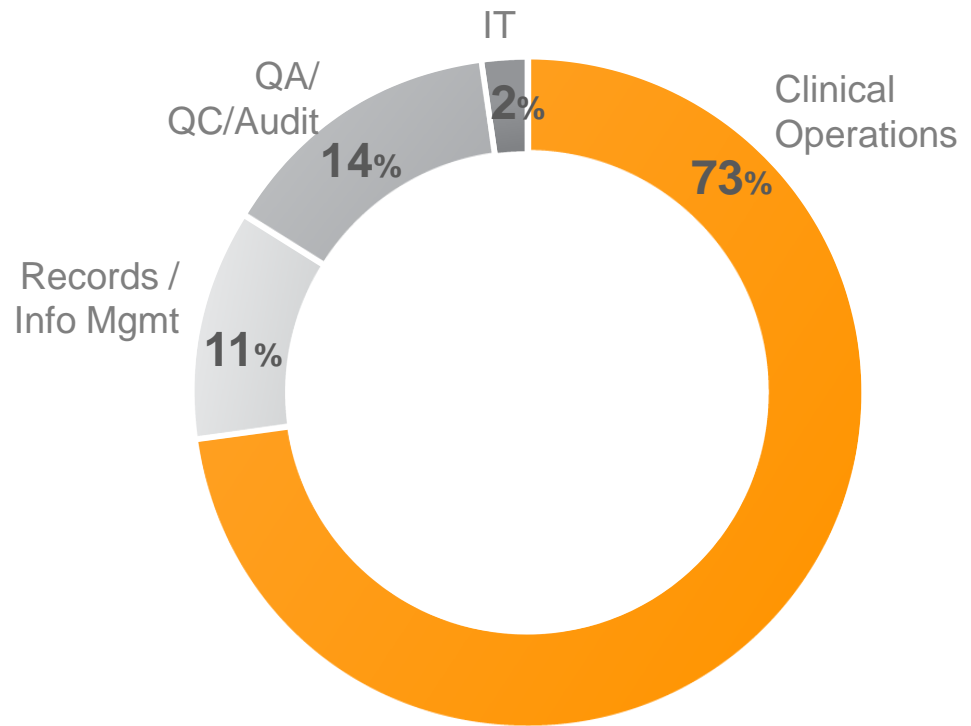


# Largest TMF Survey to Date



**Type of Organization**

n = 252



**Functional Area**

n = 252

Source: Veeva 2014 Paperless TMF Survey: An Industry Benchmark, June 2014



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# Manual Processes Persist

Manual exchange of TMF documents between sponsors and CROs

**57%**  
paper

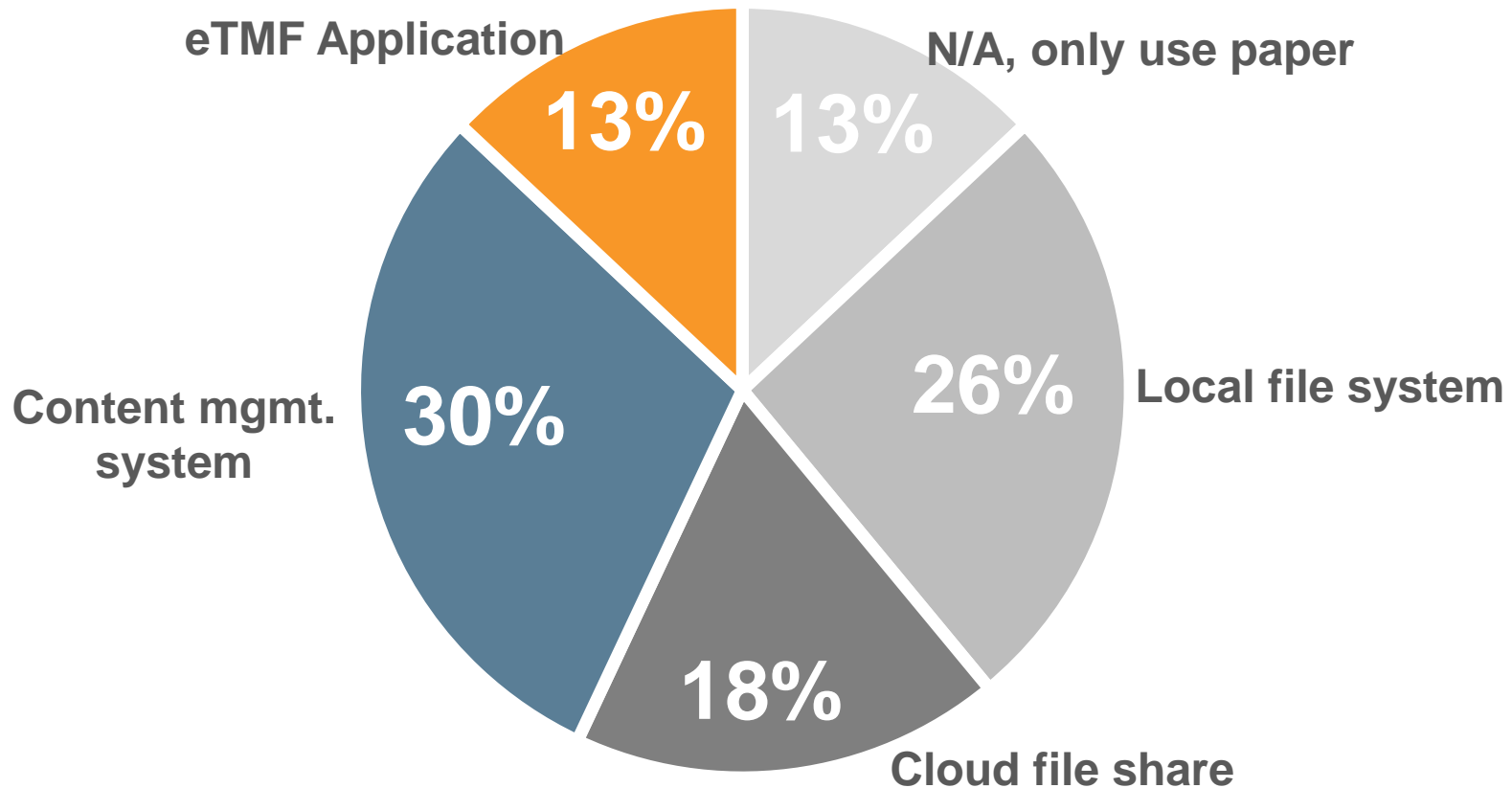


**69%**  
email



# Significant Opportunity for the Industry

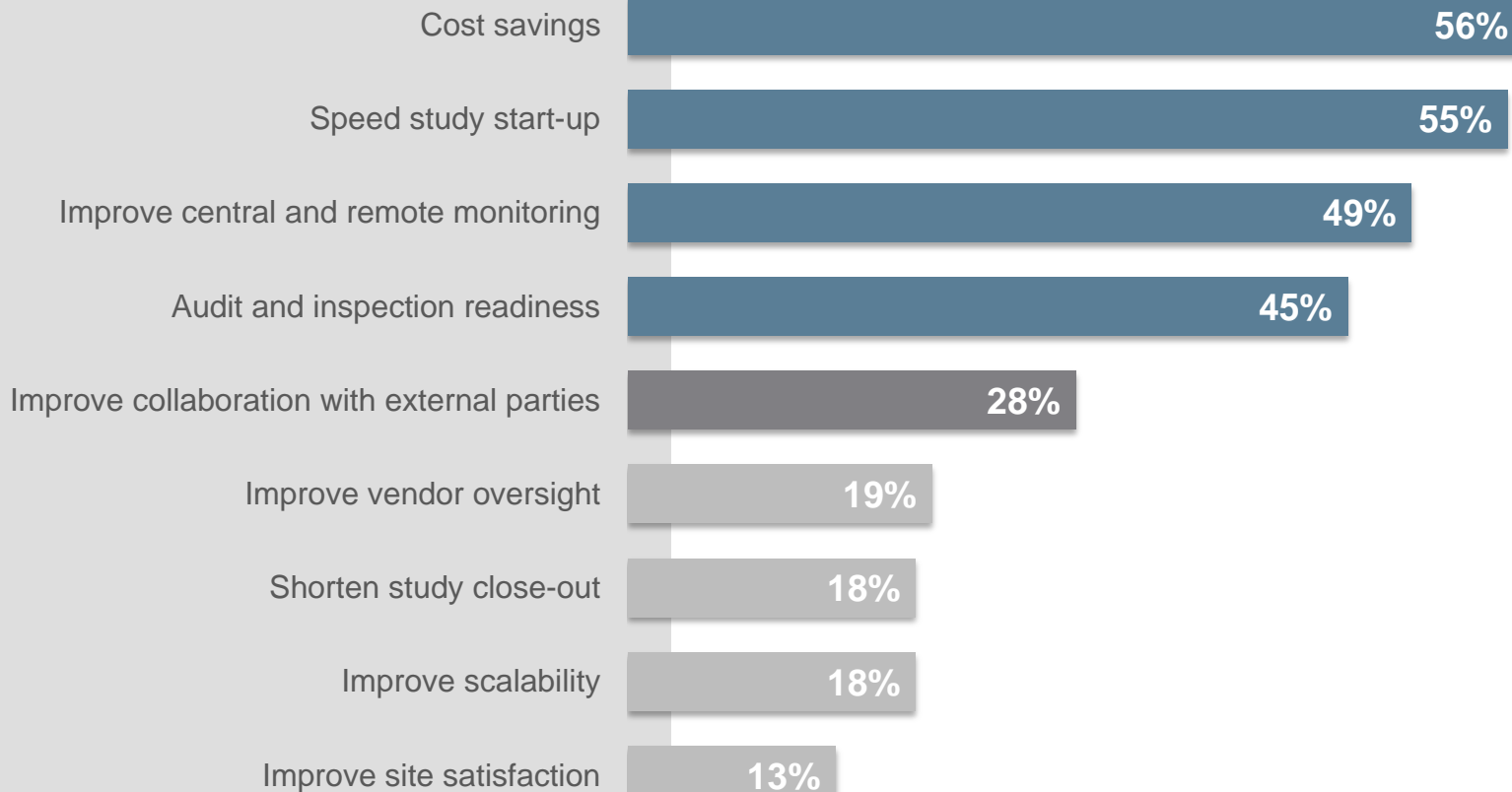
Only half of eTMF systems have advanced process management



What type of eTMF solution did you most recently use? (n=135, Q.9) **Sponsor company responses only.**



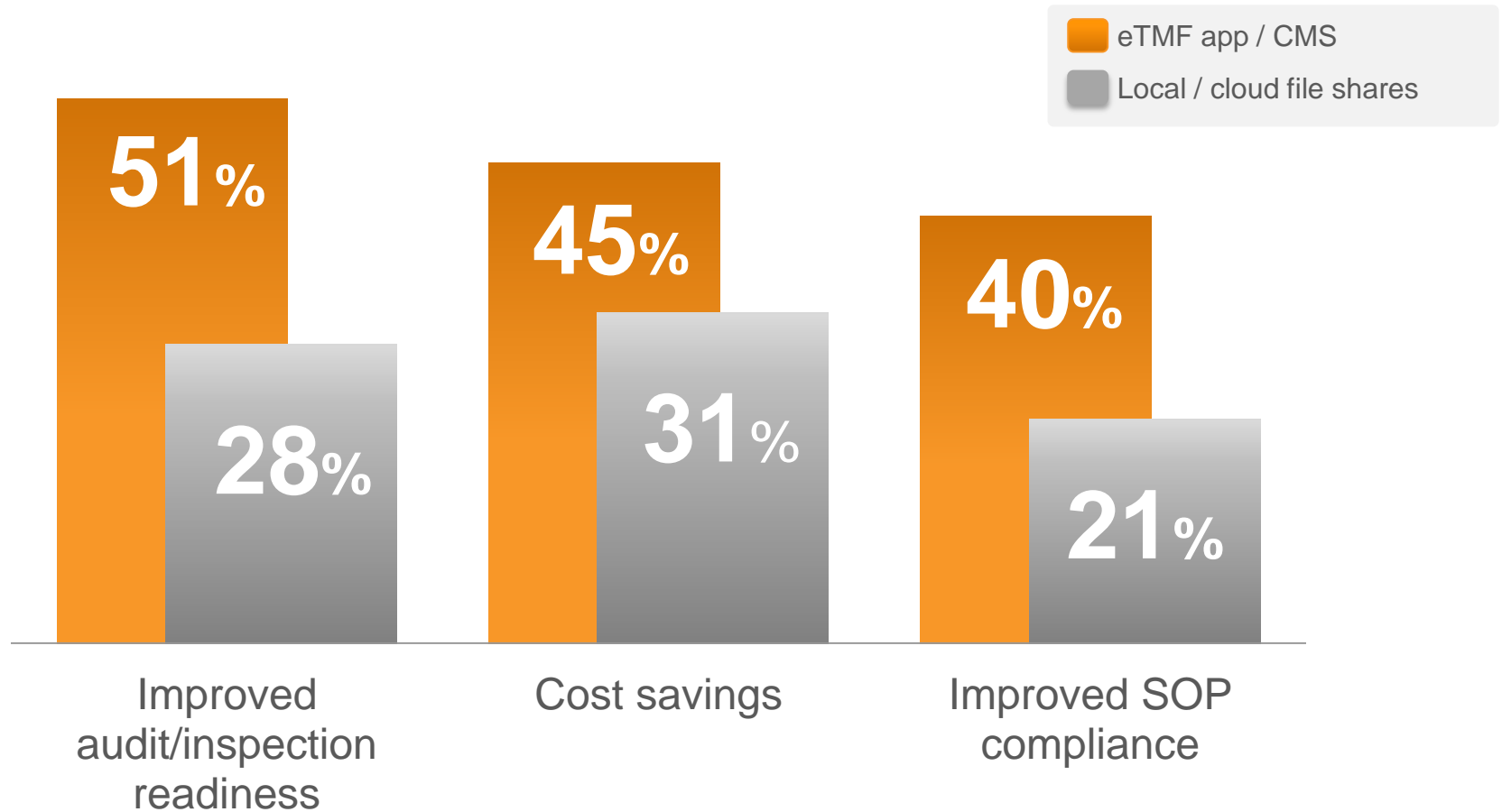
# Top Drivers of eTMF Adoption



*Which of the following business benefits are the most important in motivating your organization's adoption of electronic TMFs? Please select the top three benefits. (Q7)*



# Benefits Achieved by Type of eTMF



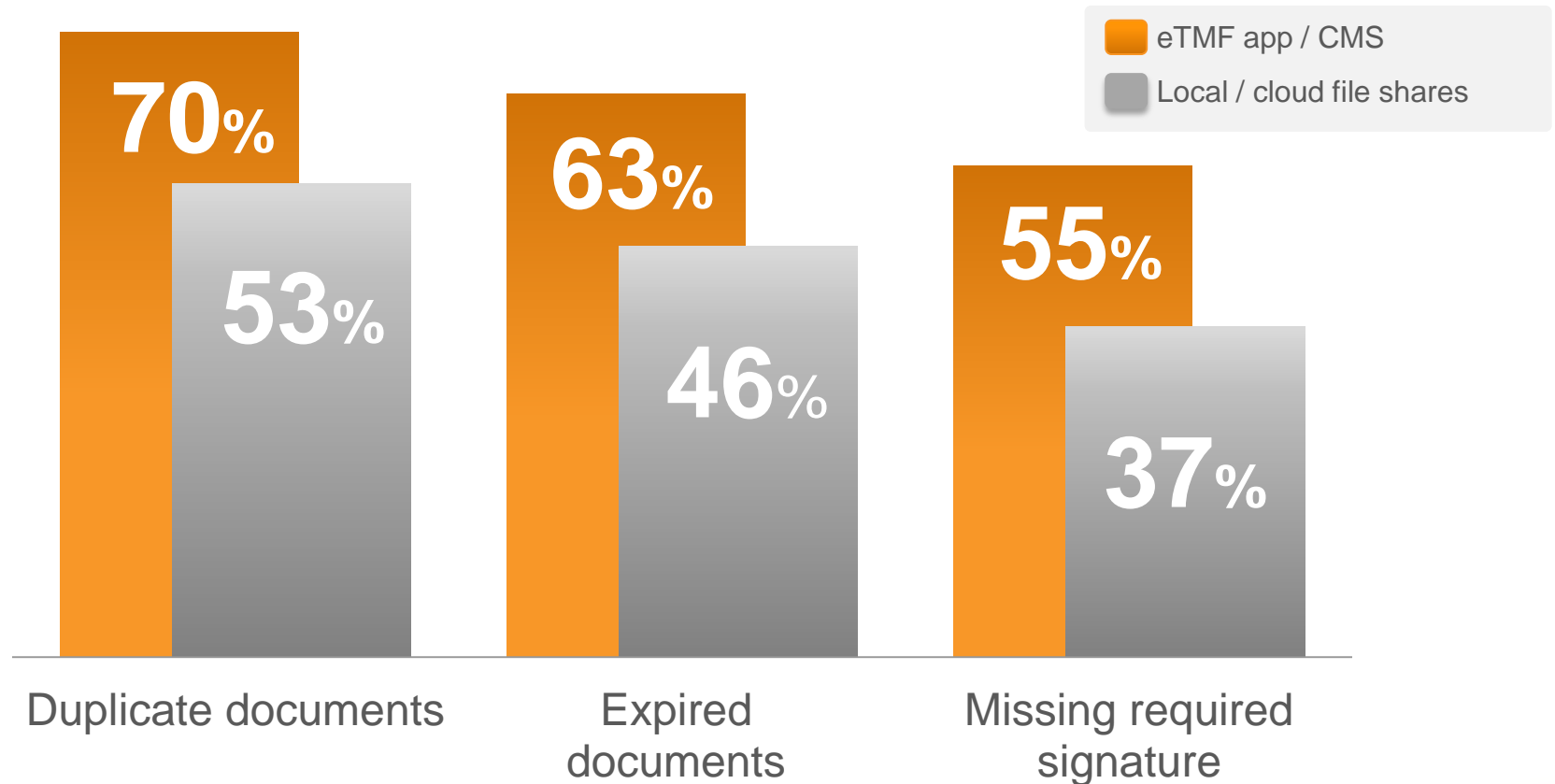
What benefits were achieved with your organization's implementation of the eTMF solution specified in . Question 9? (Q.10).





# TMF Quality by Type of eTMF

Improvements rated good/major with eTMF adoption

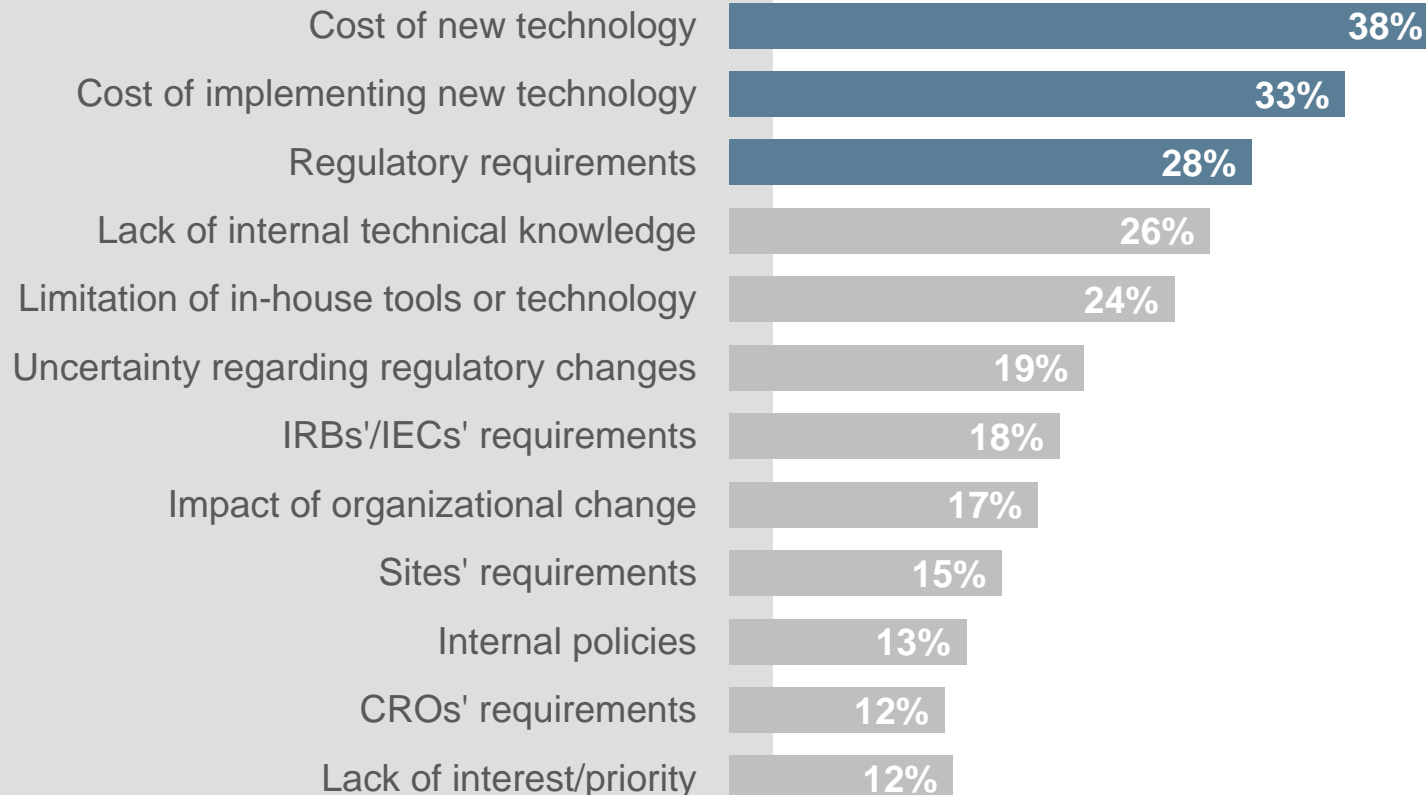


*How much improvement did you observe in the following inspection areas after your organization implemented the eTMF specified in Q9? (n varies, Q.11)*



# Top Barriers

Percent reporting as major or insurmountable barrier



*To what extent is each of the following a barrier to TMFs going paperless in your organization? (Q.4)  
Percent of respondents rating each as a major barrier or barrier that cannot be overcome.*





# Updated definition of CRITICAL GCP inspection finding

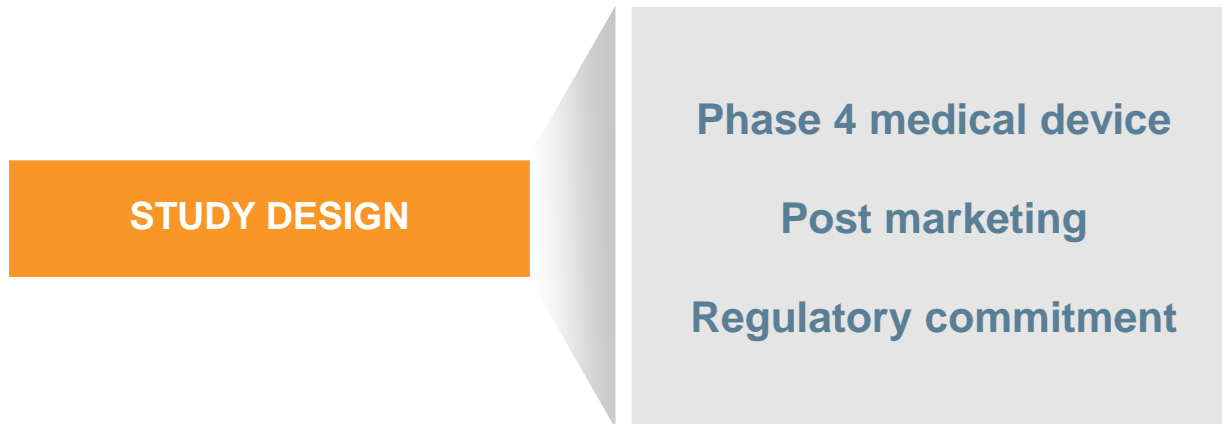
...where provision of the **TMF does not comply with Regulation 31A 1-3**, as the TMF is not readily available or accessible, or the TMF is incomplete to such an extent that it cannot form the basis of inspection and therefore impedes or obstructs inspectors carrying out their duties in verifying compliance with the regulations.

# 35%

of inspections over the past year resulted in **extra days** to complete inspections where difficulties ensuring the TMF is complete and readily available

## 25 April 2014

# Where We Were



- Recently purchased by new sponsor
- Transfer of information from previous sponsor, including “legacy” paper TMF
- Ensure smooth transition from previous sponsor to new sponsor



# Why Implement an eTMF

## Cloud-based Technology



- “Green” philosophy
- Zero IT footprint

## Efficiency



- Paperless
- Minimal end-of-study document reconciliation

## Accessibility



- Real-time access to study documents
- Real-time document approval from anywhere



# Implementation Challenges

- **“Newness” factor**
- **System validation alignment with SOPs**
- **21 CFR Part 11 compliance**
- **Differences in interpretation of regulations**
- **Team training and usage of system**
- **Definition of original records**
  - Disposition of “legacy” paper?
  - Disposition of paper generated moving forward?



# Current Status



System validated  
and in use



All study team  
members trained



Documents  
approved in a  
timely manner



Study tracking  
accessed and  
updated via eTMF



Legacy documents  
uploaded and  
classified



Site files set up  
and permissions  
set



# Lessons Learned

## eTMF Implementation

Bring QA and regulatory in early

Define process upfront

## User Adoption

In-person, hands-on training at study start

Encourage usage of system by all team members

Utilize system during team meetings







# Questions