Technology in Construction

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6 Reasons implementations fail

- Fail to Manage the goal & discount scope creep
- Fail to receive and maintain executive support
- Fail to consider & include users in the process
- Fail to inform/engage the entire organization
- Fail to gauge users technical literacy & train for it
- Fail to get professional help when it’s available
Recent Technology Updates

- VectrGPS
- HCSS Safety
- Mobility / Citrix Sharefile
- Equipment 360
- Construction Imaging – Invoice Router
VectrGPS
HCSS Safety
HCSS Safety
Citrix Sharefile

![Citrix Sharefile Interface](image)

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E360
E360
Construction Imaging – Invoice Router

- **Old Process:**
  - Receptionist would open mail and give to AP Clerk (1)
  - AP Clerk attaches Vendor card with data entry information (2)
  - AP Clerk places the invoice on PM’s desk (3)
  - PM would approve invoice and place on AP Clerk’s desk (4)
  - AP Clerk would data enter information from vendor card into accounting software
  - AP Clerk would file open payables in file until paid (5)
  - Once check is written, AP clerk attaches copy of check to invoice (6)
  - AP Clerk files paid invoices in file cabinet (7)
    - Invoice is touched 7 times throughout this process
Construction Imaging – Invoice Router

- Current process:
  - Receptionist opens mail and scans invoices (1)
  - AP Clerks route invoices in IR to approvers (PM’s, supervisors, etc.)
  - An email is sent to “approvers” stating there are invoices waiting for approval
  - PM’s approve invoices
  - Invoice is automatically routed back to AP Clerk upon approval
  - Job cost information is automatically transferred from IR to our accounting software
  - No invoices to file, all information is in IR
    - Invoice is touched 1 time with this process. After 1 week, our receptionist shreds all scanned invoices
More benefits from Invoice Router:

- No lost invoices!
- Ability to approve invoices while out of the office
- Able to check on status of invoices ~ can run a query to view invoices waiting for approval – especially helpful at month end
- Can easily e-mail invoices
- Easily access copies of invoices for T & M work
- Ohio Sales Tax audit – no boxes to pull, just give auditors access to IR
- Document history report ~ detail information of who and when (who routed it, who approved it and when)
- Data entry occurs once in IR, no double entry of writing information down and then re-typing into accounting software