

Re-flow Construction cost benefit analysis



- Running for 20 years
- Annual turnover of £2m
- 10 vehicles
- Employs 5 back office staff, 25 site workers and multiple subcontractors

Their margins on each job have been getting tighter and the management team can't see why... we can.

The wasteful way

YEARLY COSTS

In the UK, construction is officially the least productive sector per person and has the second highest number of insolvencies.

Office of National Statistics 2018

Printing 6,000 pages of work orders per admin. *IT Pro, 2015*
Reprinting for the 35% of all construction jobs that have a major change.

Independent Project Analysis Group, 2012

£2,535

21% of admin's day is spent delivering, chasing or clarifying and transcribing paper forms into electronic data.

International Data Corp, 2017

£13,488

7.5% of all forms are lost.

International Data Corp, 2017

Cost of loss is £100 per form.

Total Quality Management, 2009

£18,225

Diverting work to plan changes, expedite delayed material, manage added crews, or other changes not in the original work schedule.

Centre for Management of the Built Environment, 2017

£13,248

Training construction staff on processes and inductions.

UK Commission for Employment and Skills, 2016

£19,200

Downtime from incorrect quantities of stock or missing plant is 3.2% of working time.

Lean Construction Institute UK, 2010

£18,432

3.7% of a site manager's working time is spent checking their own work and an additional 1% is spent checking subcontractors' work.

Centre for Management of the Built Environment, 2017

£27,072

Vehicle breakdowns from not being checked. 30% of cars over 3 years old breakdown per year = £5,034.

This is Money, 2018

£5,034

Worker's time spent dealing with paperwork:
• 32.14 hours per year reading
• 28.45 completing
• 13.8 hours looking for

YouGov, 2018

£23,808

£141,042

Costs: back office = £34,248 On-site = £106,794

Information Distribution

Paper-based admin

Lost forms

Urgent interventions

The learning curve

Plant control/ stock quantities

Quality control

Vehicle checks

Navigating the paperwork

TOTAL YEARLY COSTS

The Re-flow way

YEARLY COSTS

£4,500

Costs to set up Re-flow:

- 15 Users per year: 12 users on site, 3 admin staff*
- *£25 per user, per month, based on a 24 month contract

£0

No printing means no cost, all documentation and changes can be sent instantly and digitally. **Saving £2,535.**

£0

With automated workflows there is a paperless approach, so all information is created, saved and stored online. **Saving £13,488.**

£0

You can't lose forms using Re-flow and information is typed or selected from a dropdown, removing poor data input. **Saving £18,225.**

£6,624

Requirement for diversions are greatly reduced with Re-flow. **Saving £6,624.**

Customer feedback

£11,520

Giving digital access to 'need to know' information reduces learning curve by 40%. **Saving £7,680.**

Geolearning, 2013

£5,898

Re-flow reduces risk of missing stock and plant. Assigning inventory and keeping track of it improves efficiency by 68%. **Saving £12,534.**

Aberdeen Group, 2012

£16,243

Re-flow increases speed, efficiency and reliability of checking procedures. **Saving £10,829.**

Digital Field Solutions Research, 2017

£3,580

Re-flow reduces 27% of vehicle breakdowns which can be avoided by enforcing proper vehicle checks. **Saving £1,454.**

RAC, Breakdown Britain, 2006

£15,324

Re-flow eliminates 100% of 'looking for', 30% of 'completing' and 13% 'reading'. **Saving £8,484.**

YouGov, 2018

£63,690

ROI: 12:1 Savings: £77,352

Re-flow paid for in just 1 month!

That's almost £6K extra in your pocket every month!