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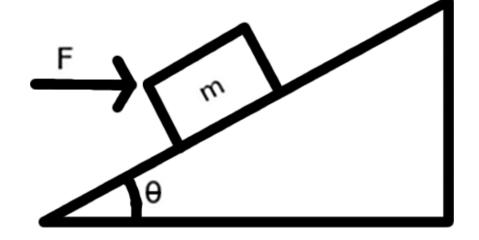
Sean Norton Tungsten Network





What is Friction?

 "The opposing force, which acts in the opposition direction of the movement of the upper body is called FRICTION FORCE or simply FRICTION."



69% of Businesses Feel They Are **Not**Moving in the Right Direction



Only 31% of businesses feel they are in a better place today in dealing with potential causes of friction in the procureto-pay process.

P2P Friction is a **Global** Problem

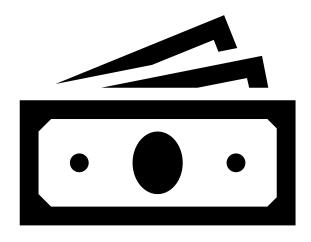


Businesses around the world experience P2P friction at almost the same rate, with U.S. businesses reporting slightly more friction.

P2P Friction is **Expensive**

\$171,340

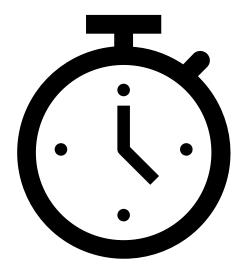
average annual cost per U.S. business to deal with P2P friction issues.



P2P Friction Wastes Time

125 hours

is wasted on P2P issues per week, per business



A Top Priority

 36% of businesses say that removing friction from the procure-to-pay process is a top priority. Of those who identified removing friction as a top priority, 71% were large businesses with over 1,000 employees.





Top 5 Causes of P2P Friction

- 1. High proportion of paper invoices received
- 2. Too many non-PO invoices received
- 3. High volume of supplier inquiries
- 4. Lack of automated exceptions
- 5. Lack of automated approval

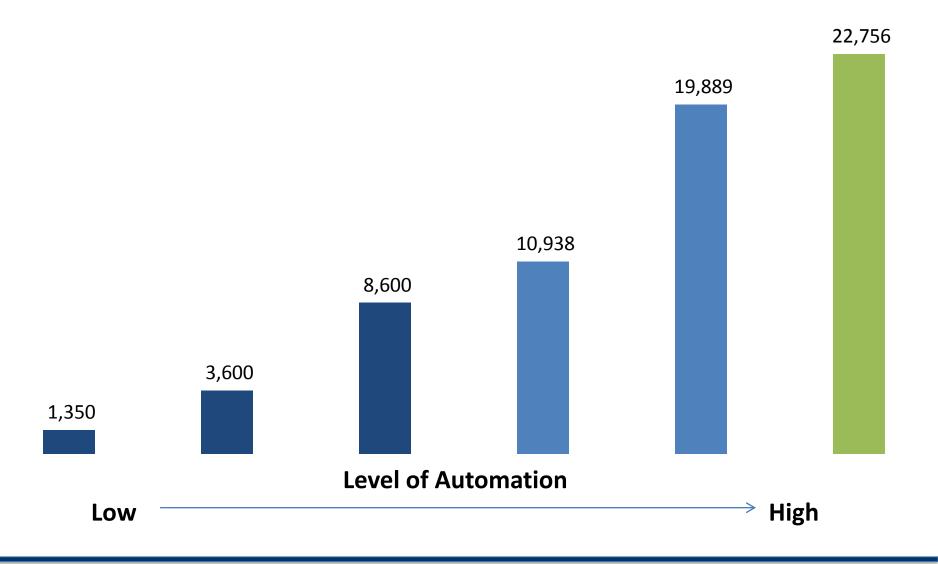
Manual, paper-based processes are responsible



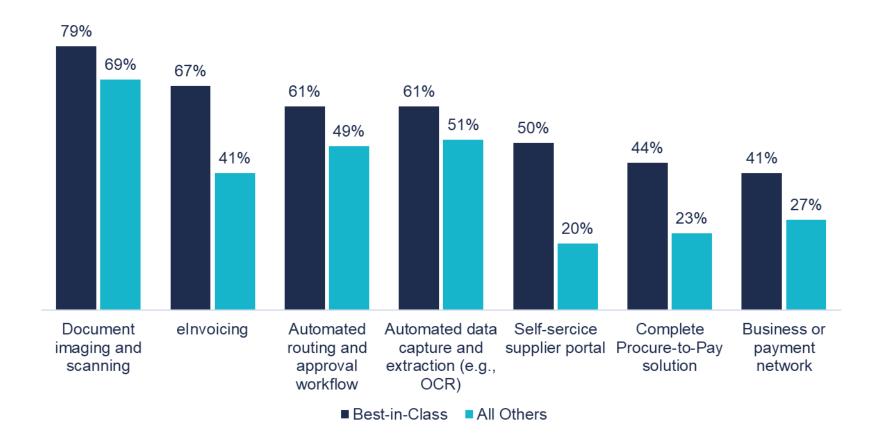
HIGH % OF PAPER INVOICES



Average Number of Invoices Per FTE



How the Best-in-Class Capture Invoices





The Benefits of E-Invoicing

Reduced data entry

Less paper handling

Automated matching of invoices to POs

No need to track down purchasers

No handoffs or physical document routing

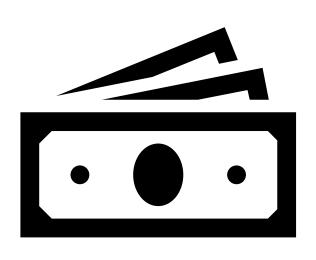
No chance of invoices becoming "stuck" or lost

Online collaboration

Real-time identification of bottlenecks

Reporting on staff productivity

E-Invoicing Saves Money



E-invoicing dramatically reduces invoice processing costs

\$6.73 vs \$2.16

paper invoice average processing cost*

for non-top performing companies Source: 2015 Hackett P2P Study

e-invoice average processing cost



TOO MANY NON-PO INVOICES





Supplier issues result in supply chain and cash problems.

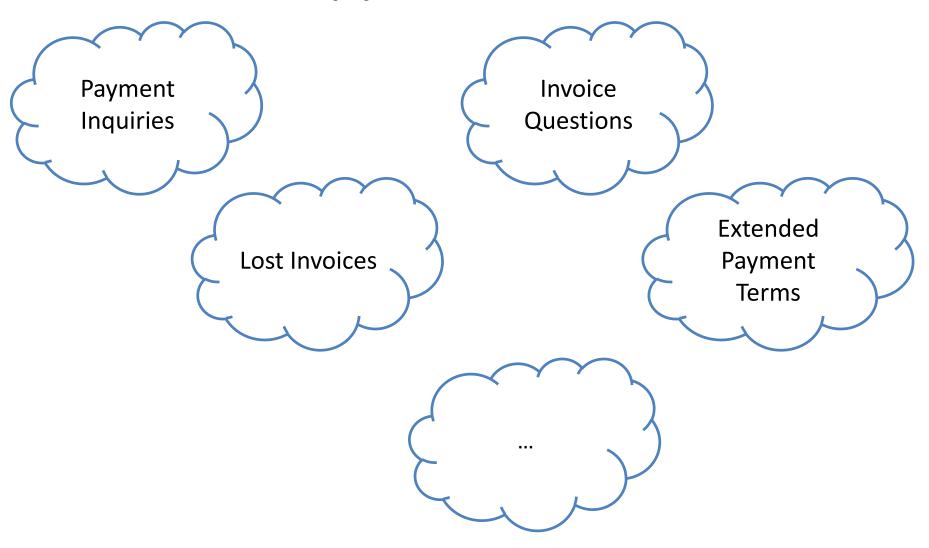
Non PO Process



LOTS OF SUPPLIER INQUIRIES



Supplier Friction



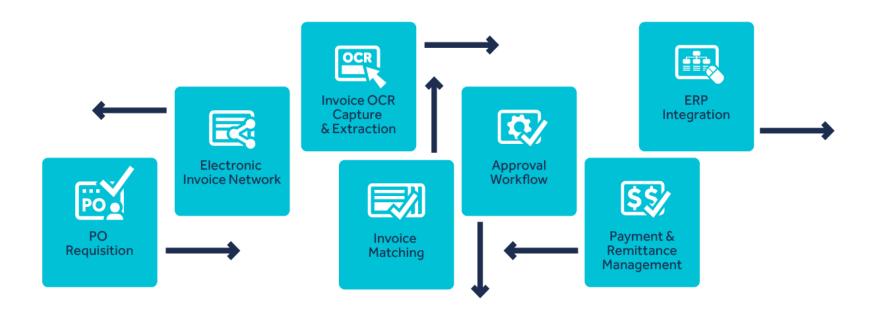
Invoice Status Service



LACK OF AUTOMATED APPROVAL

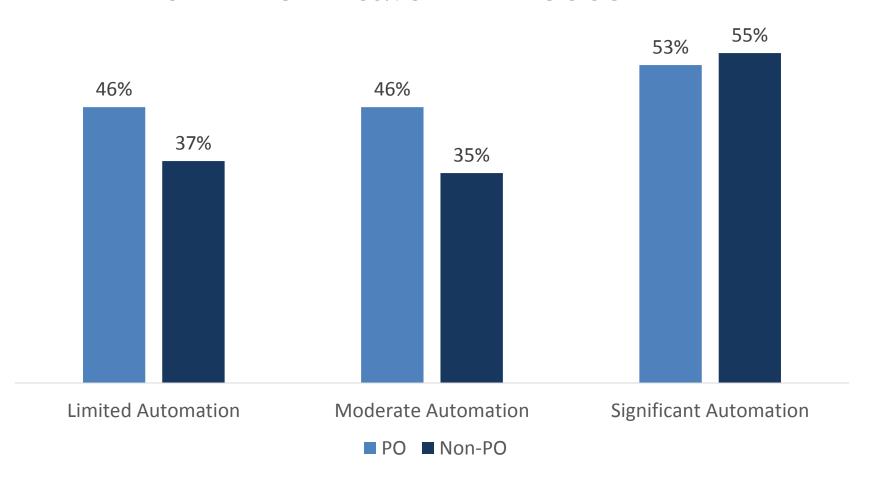


Look Familiar?



Invoices Paid On-Time

SHARE WHO PAY > 90% OF THEIR INVOICES ON TIME



The Impact of Slow Cycle Times



Backlog of past invoices



Rectifying cash flow



Strained vendor relationships



Missing out on early payment discounts

The Power of Automated Approvals

Electronic routing based on pre-defined business rules

Automated delegation of authority approval

Straight-Through Processing (STP)

Automated exceptions handling

Notifications, alerts and escalation



LACK OF AUTOMATED EXCEPTIONS



16% of Invoices Result in an Exception

Wrong price

Wrong quantity

No requester name

No contract and/or purchase order

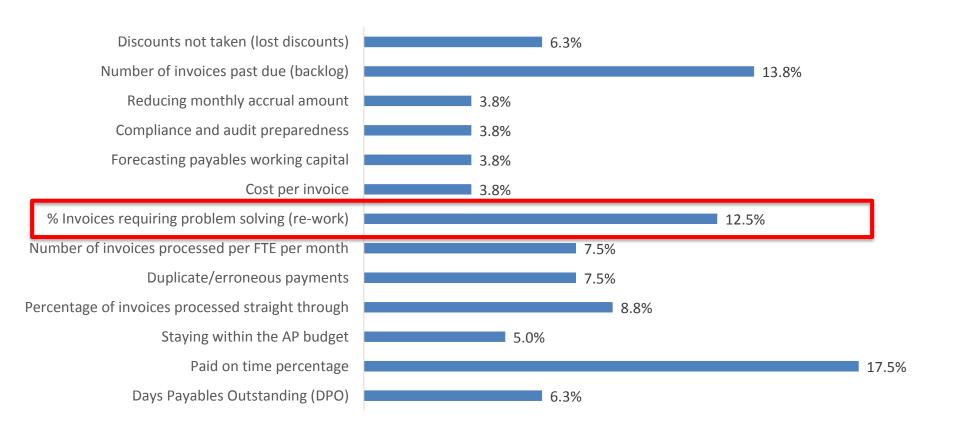
Wrong purchase order number

No tax ID

No order confirmation

Net amount exceeds subtotal Invoice total exceeds contract amount

Top P2P Metrics





The Hidden Costs of Exceptions

Profit leakage

More paper handling and manual keying

Late payment penalties

Missed earlypayment discounts

More supplier inquiries

Strained supplier relationships

Loss of internal credibility

Inaccurate forecasting

Audit recovery service fees

AN ACTION PLAN



A complete product solution

- Eliminates paper from the invoicing process
- Increases the efficiency and accuracy of accounts payable
- Improved Supplier communications and reduced Supplier inquiries through Invoice Status

 Offers cross-border payments in local currency at competitive

ompetitive rates

Currency

Conversion

Financing

Services

Invoice Data

Capture

Workflow

Tungsten Network receives all invoices (electronic, paper, email) and captures data

- · Lower cost per invoice
- Little to no impact on invoice submission methods

Eliminate the energy and materials wasted in sending paper invoices

D O I O I I

- Reduce your Day Sales Outstanding
 - Reduce the time and cost of your invoicing

invoicing process

Allows suppliers to decide when to get paid

· Maximizes working capital

E-billing

TUNGSTEN NETWORK
Trusted connections. Streamlined transactions.

Purchase
Order
Services

• Automates accounts payable processes

Facilitates the delivery,

acceptance, variation and

conversion of Purchase

Orders into invoices

- Provides an audit of purchasing from the point of order to payment
- Optimizes procure-to-pay to achieve business goals
- Provides visibility into purchases, leading to better informed spending
- · Improves procurement controls
- · Ensures compliance with contracts/reduces costs



Real Results

60%

Reduction of invoice-related calls from supplier

17%

Reduction in AP headcount

1000x

Error rate reduction

25%

Improved annual AP operating cost

3x

Increased output per FTE

75%

Improvement in invoice processing

25%

Increase in on-time payments

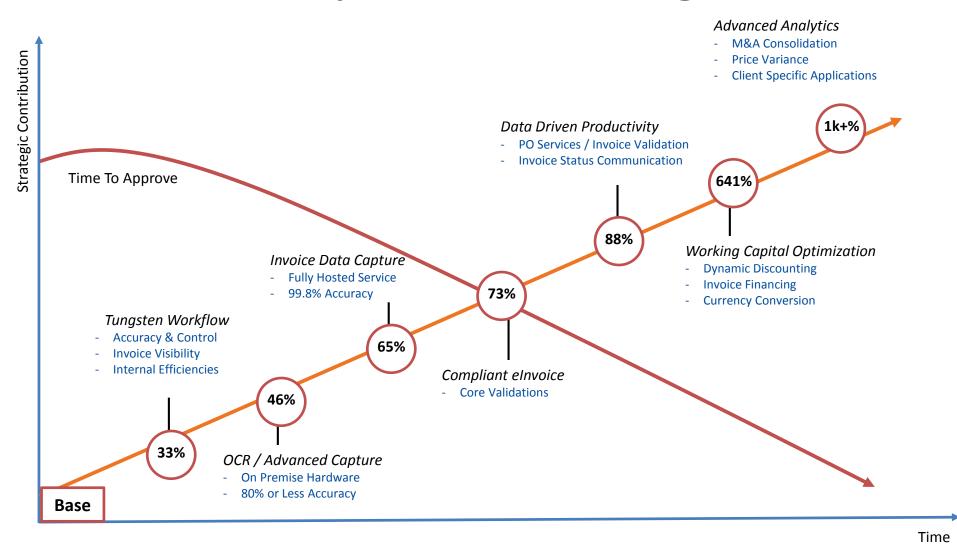
90%

first time match

100% of PO's delivered electonically



The Journey to Eliminating Friction





FRICTION FINDER RESOURCES VIDEOS





Selected condent from the blog of Tungsten Network, a leading global supply chain enablet.



KEEPING PACE WITH SUPPLY CHAIN EVOLUTION

March 23, 2017 | By Andrew Nichols

Supply chain management is one of the areas where Bis Data is being used to proactively forecast business



Articles published by IDFM, a leading provider of training, education and certification programs for PSP professionals.

CASH FLOW OPTIMIZATION SAVES MILLIONS OF DOLLARS, STRENGTHENS SUPPLIER RELATIONSHIPS

As part of its cogging efforts to better utilize its working capital. Walgreens is using a collaborative cash flow optimization solution that is a win-win for the retail grant and its worldwide suppliers.

In exchange for paying invoices early for everage, 29 days early. Walgreens receives a discount from its suppliers. Since four-ching a pilet program in September 2011, the company has savied more than \$2 million via supplier discounts by using C2FD, a collaboracies cash flow optimization setulian from Pollenware.

> READ MORE

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Last Name	
Company Name	
100	
Job Title	
Email Address	

Find more information and opportunities to begin your journey!



Questions!



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