









Digitization & Bots Utility Invoice Processing

Pennsylvania Turnpike Commission Story

SmartDocs Overview

Who are we?

What can these do to help your organization

Process and nuances of paying Utility Invoices

PTC's story of handling Utility Invoices



Patterns & Anti-Patterns

Some Dos and Don't to consider

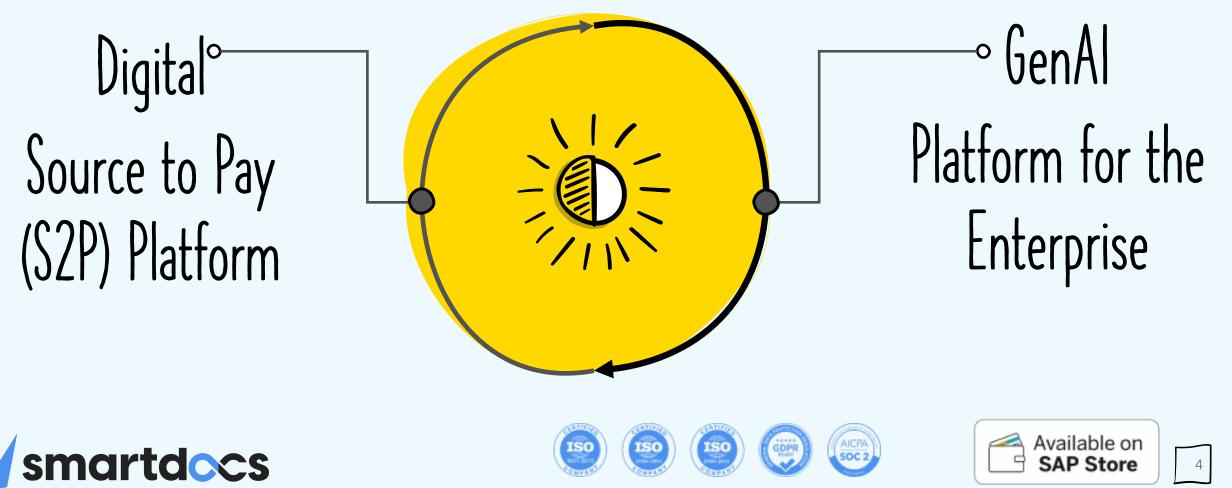


# Who is SmartDocs

Who are we ?



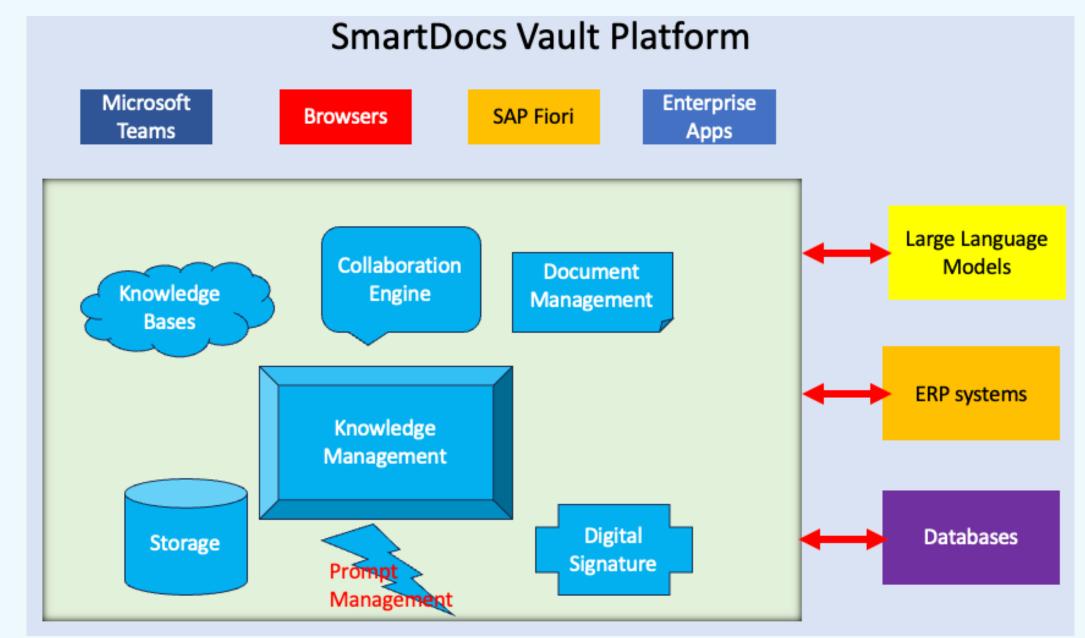
### SmartDocs Inc.



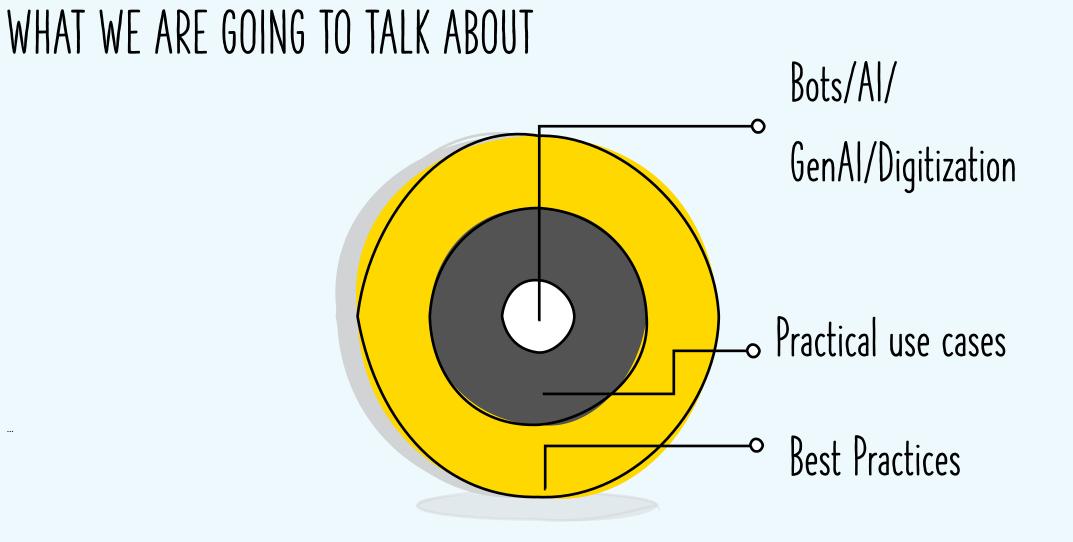




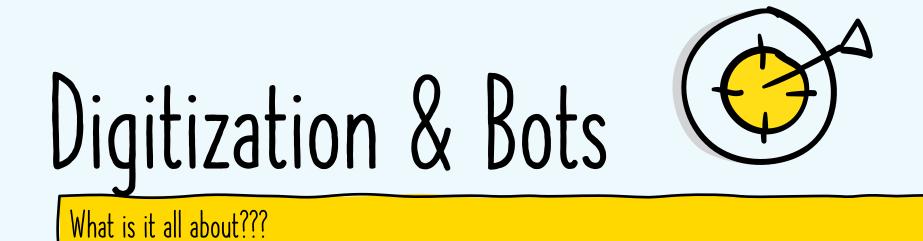




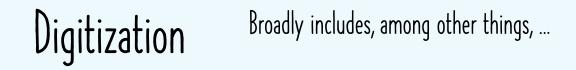


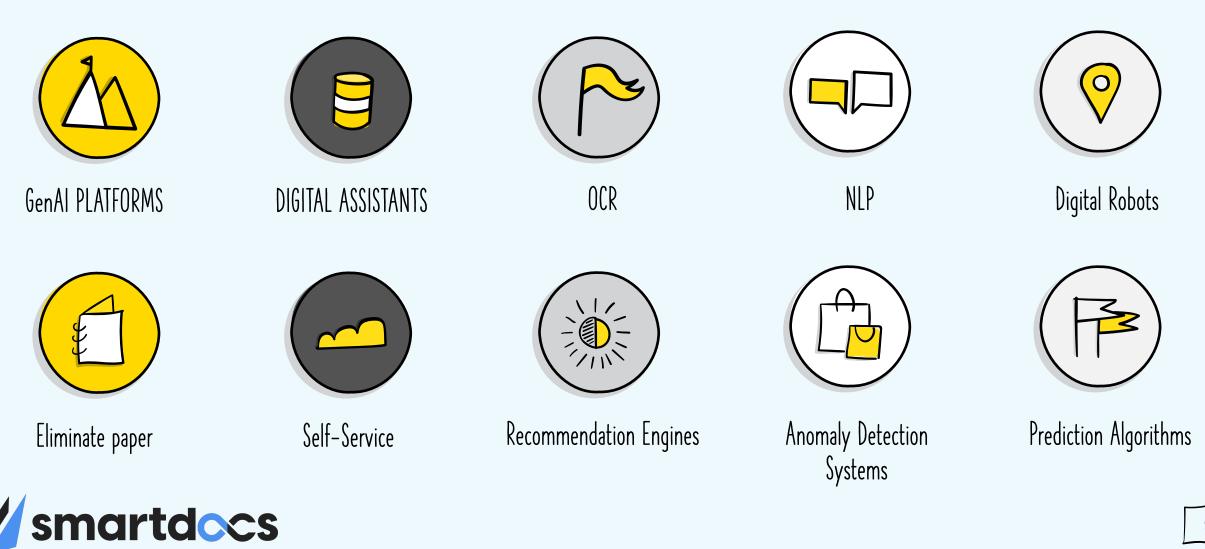






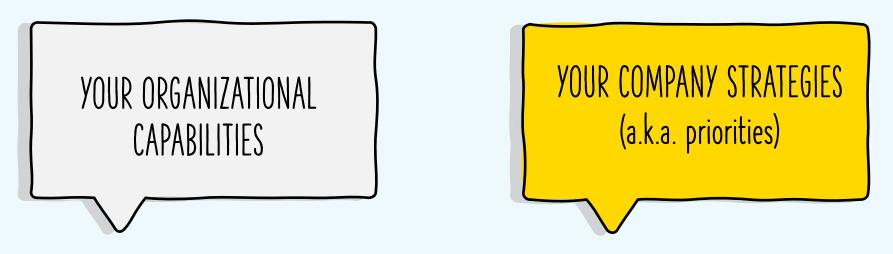






Digitization & Bots: How can they help your organization?

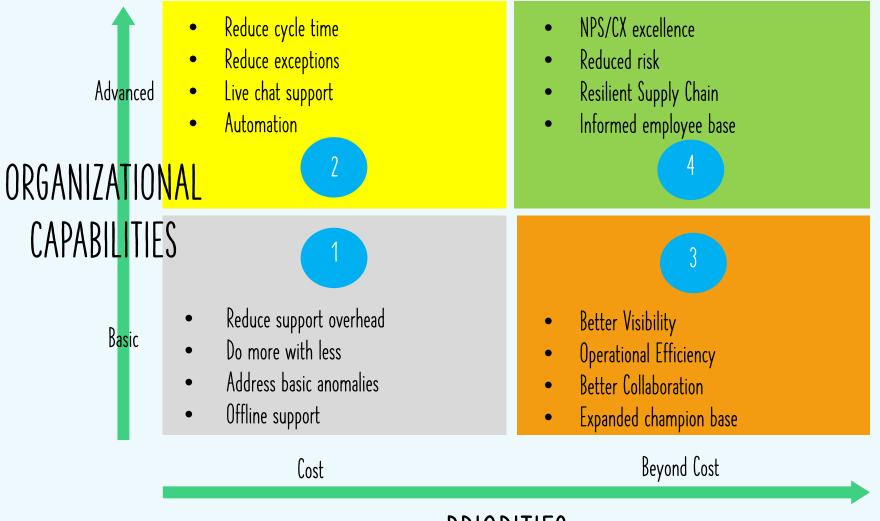
### Answer depends on two things



Introducing Technology without STRATEGY will bring marginal results at best and create chaos at worst.



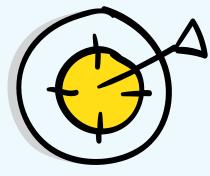
#### Priorities / Opportunities Focus - Goals





PRIORITIES

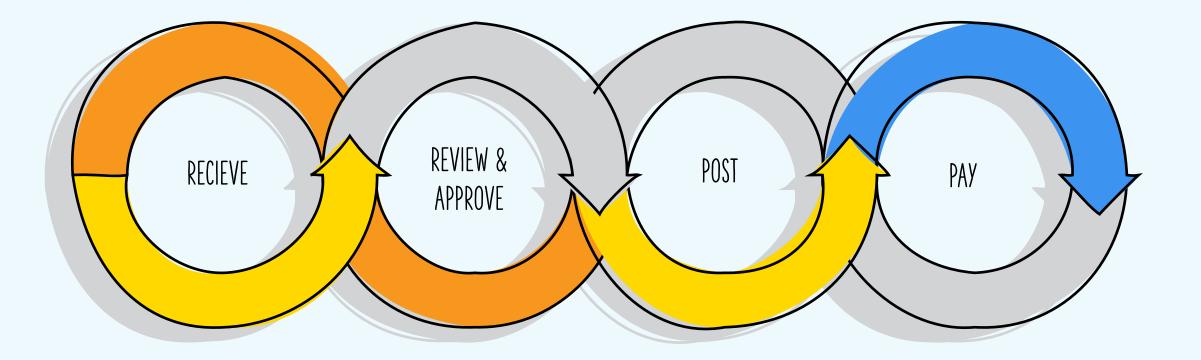
## Vendor Invoice Processing



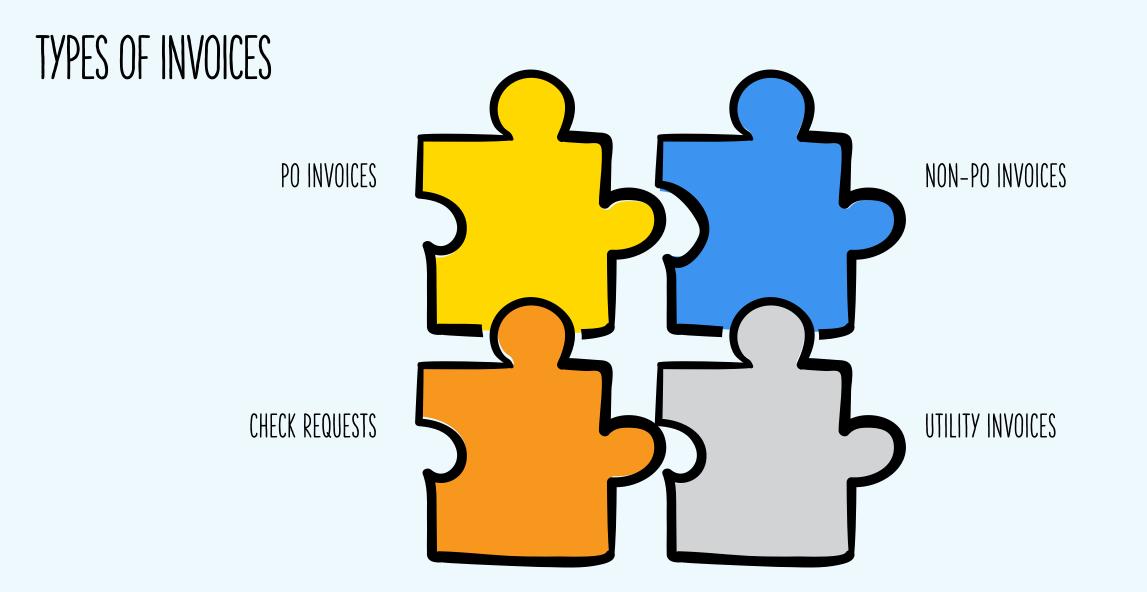
What it takes to process Vendor invoices



## INVOICE PROCESSING



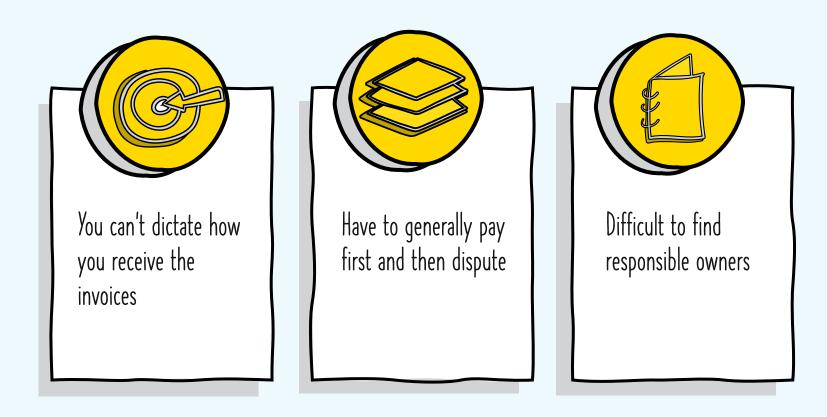






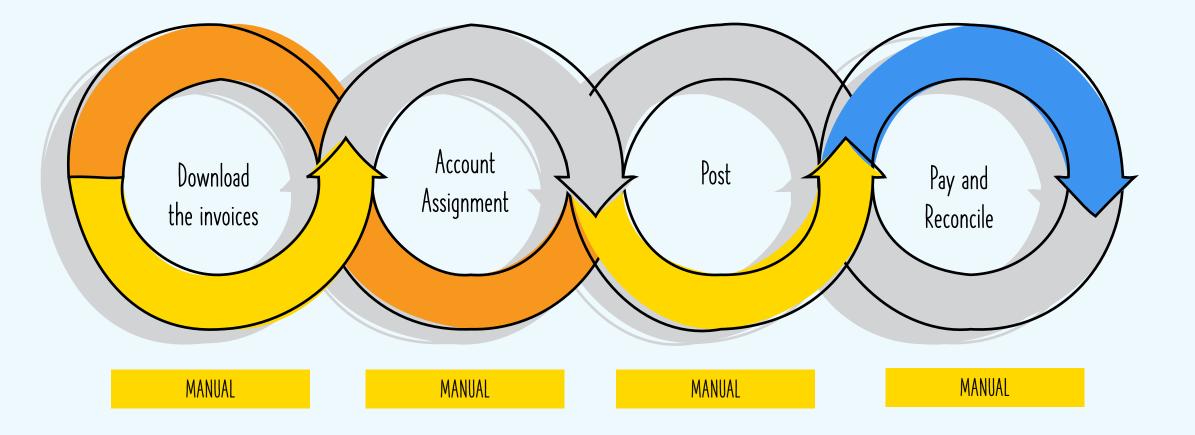
#### **UTILITY INVOICES** KEY FEATURES

\* Footer note goes here



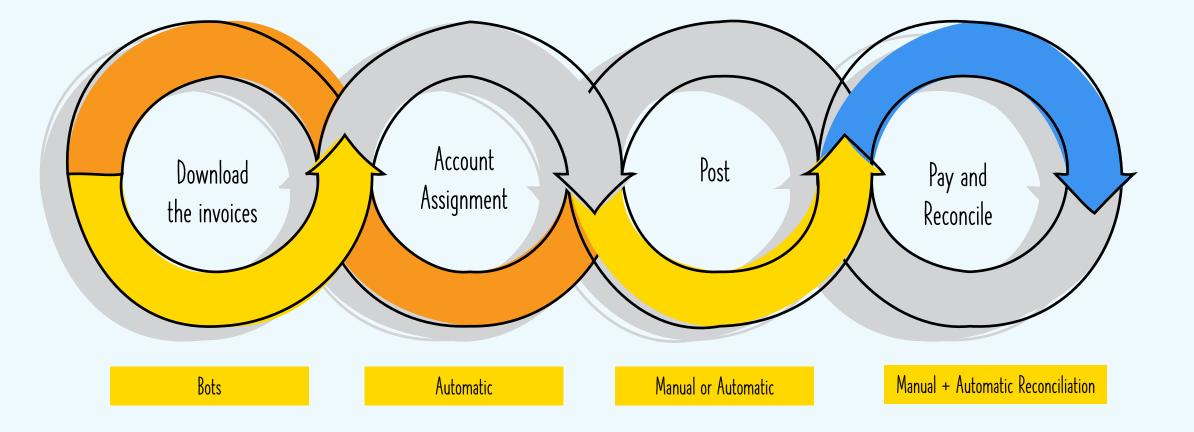


## Typical Utility Invoice Process Flow



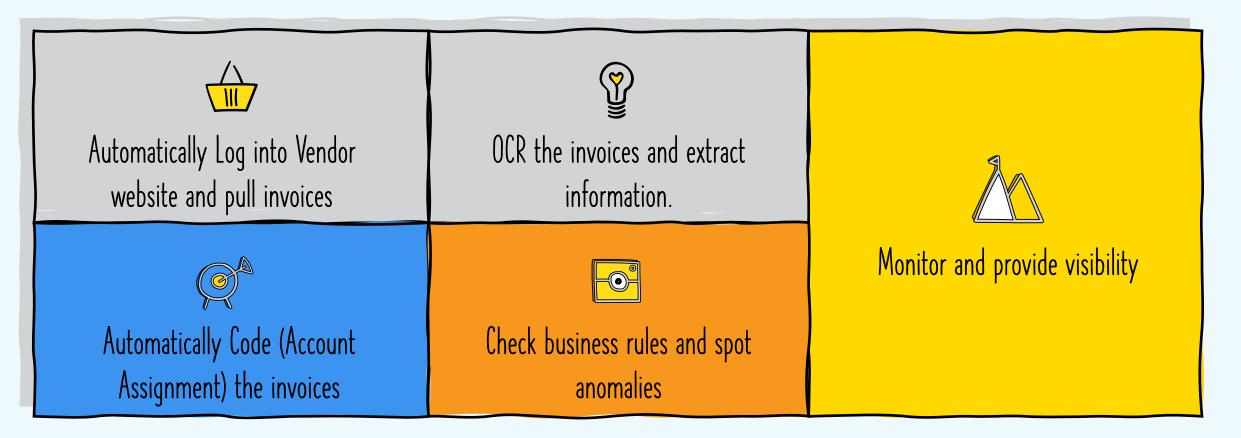


#### Utility Invoice Process Flow - with SmartDocs Al Platform





## HOW CAN BOTS / AI HELP here?





...



Pennsylvania Turnpike Commission

Utility Invoice Processing



#### America's First Superhighway

- Abandoned Vanderbilt and Carnegie railroad from 1880s
- 160 miles designed and constructed in 20 months
- 2.4 million vehicles in 1940
- Led to Interstate Highway System

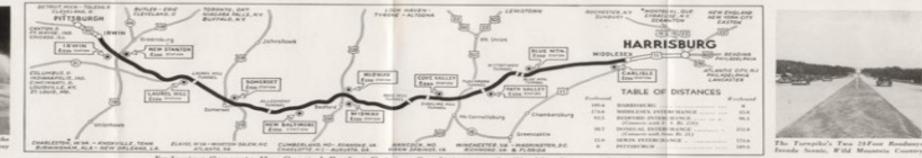


#### 4 TRAFFIC LANES · 160 MILES · NO TRAFFIC LIGHTS



even Solid Concrete Tunnels Pierce the Highenics on the New Super-Highway

nartdocs



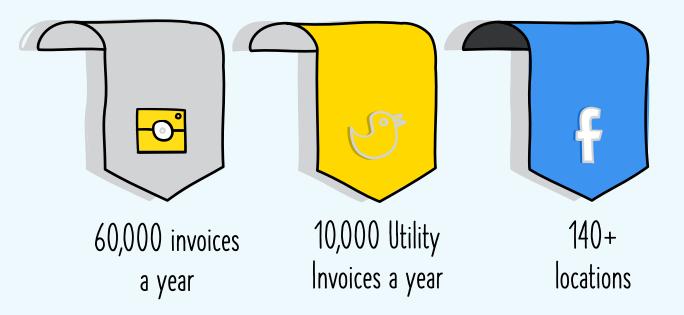
Enduring Concrete Has Created Perfect Driving Conditions on the World's Greatest Road



## Accounts Payable Landscape

Process over \$1.5B in spend annually

 SAP ECC, SAP SRM, SmartDocs Vendor Portal





#### General Concepts



#### Invoice Ingestion Channels





AutoPilot – Bot



Get from website automatically

AutoPilot - Email



Paper invoice scanned Channel: AutoPilot - Email

Emailed to SVC\_VP\_utilityinv@paturnpike.com

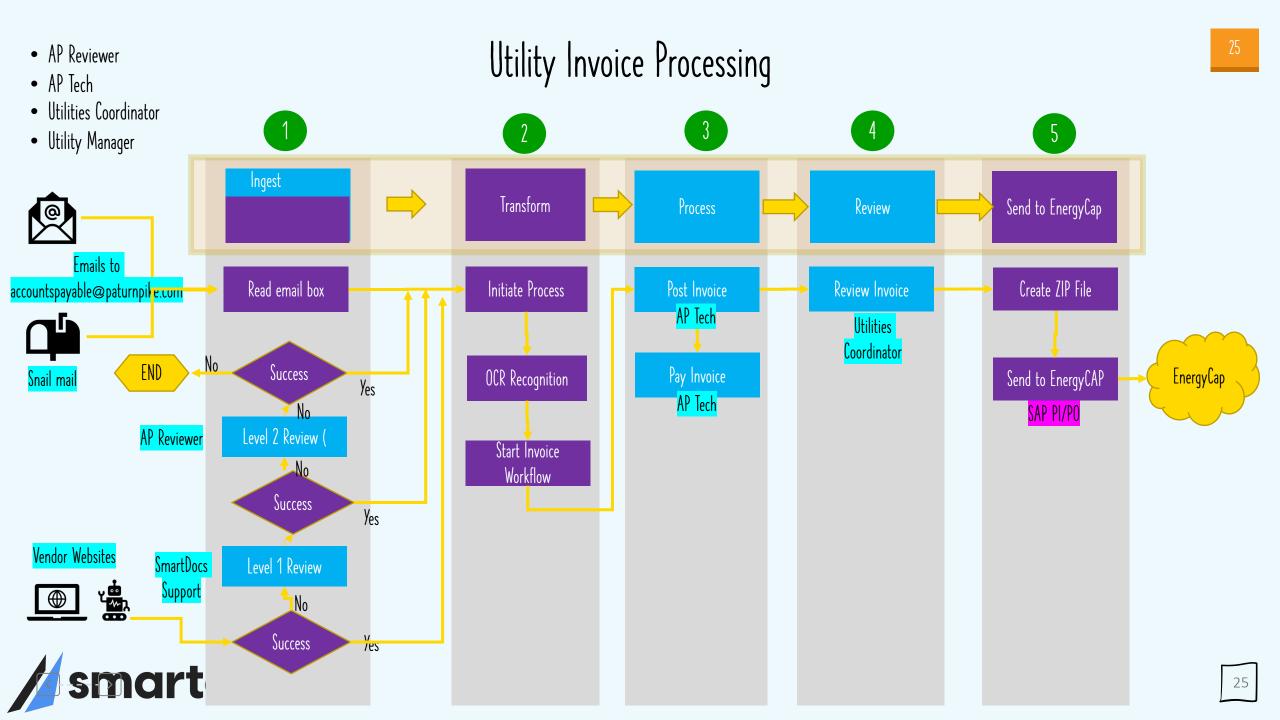


Forwarding Emails received at accountspayable@paturnpike.com

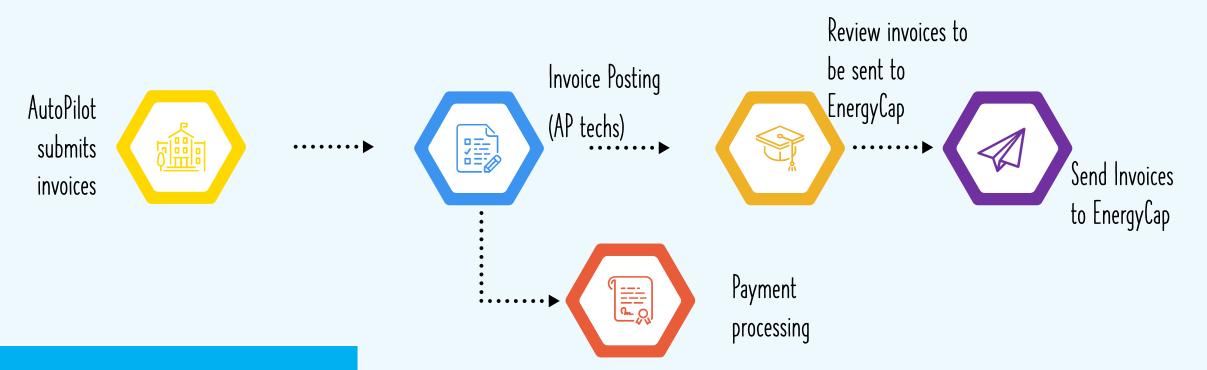
Channel: AutoPilot - Email

Emailed to SVC\_VP\_utilityinv@paturnpike.com





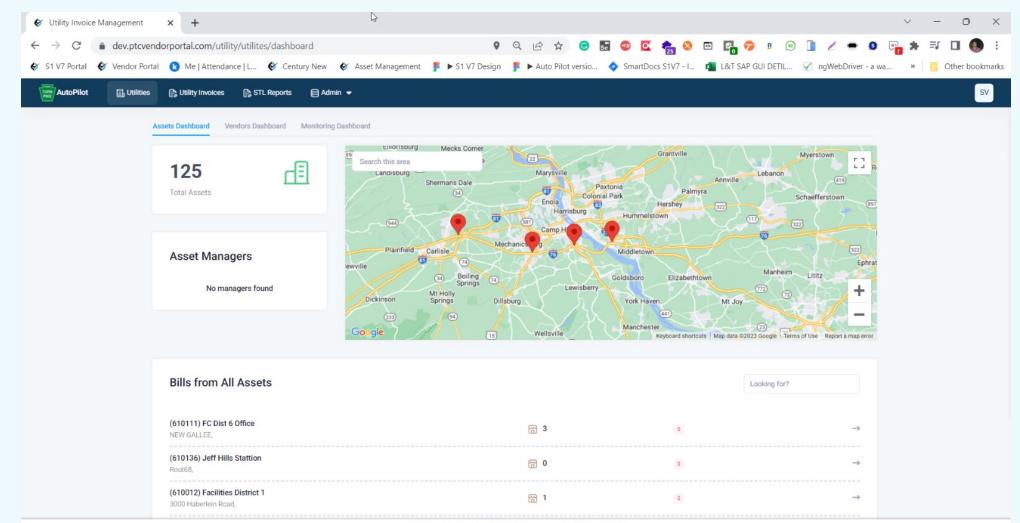
#### Utility Invoices



- Automatically pulling from vendor website
- Paper invoices and email invoices mailed to AutoPilot email

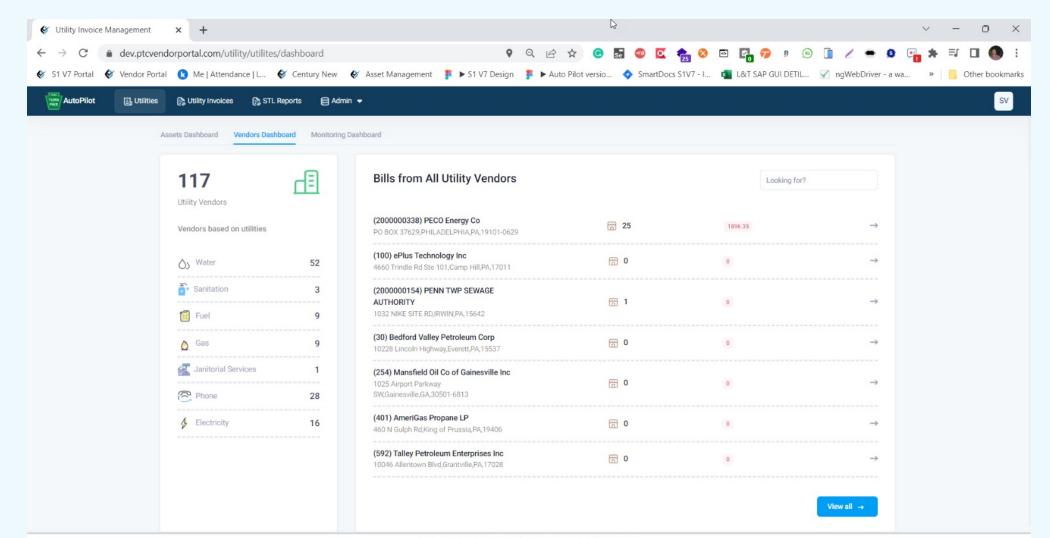


#### Asset Dashboard



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#### Vendor Dashboard



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#### Credentials Vault

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🞸 S1 V7 Portal 🛭 🞸 Vendor Portal	😢 Me   Attendance   L  😵	Century New 😵	🖌 Asset Management 🛛 🚏 🕨 S1 V7 Design 🏻 🌹 🕨 Auto Pilot versio ┥	>	PO BOX 1229, NEWARK, NJ,07101-1229 N/A		
AutoPilot	🕞 Utility Invoices 🛛 🕞 STL Re	ports 😝 Admin 🖲	•		Accounts Bills Vault		
← Business Admin	Vault [282] Vault consists of a collection of secrets	that can be used to provide	sensitive information, such as credentials & passwords		Vault Credentials		
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### EnergyCap Review

#### 📈 Vendor Portal 🔠 Dashboard 🔗 Procurement 🖺 Invoicing 🖺 Utility Invoices 🗐 Expenses 🗐 OCR-Q 🖾 Tickets-Q 🕃 Requests 🗐 Reports 🖨 Admin

#### ⊠72 **⊡**2 + SC

← 🛄	EnergyCAP Invoices	aiting for Review Completed Reports									
Asset	Utility Vendo	r Utility Type	Account Number	Date Range							
	Q	Q All 🗸	G	Select From	n & To Dates   🗄	Q Search	Download 🗸		Send to Energy	CAP Set to	o Obsolete
	Vendor	Asset	Account Number	Invoice Number	Invoice Date	Last Update 🔸	Channel	Amount	Status	Actions	
	AE 2-364 Adams Electric	9885 Vertex Homes 2118 Thornridge Cir. Syracuse, Connecticut 35624	6557000265	9506932861	Jan 08, 2022	Jan 12, 2022	Auto Pilot	64,120.0 USD	Posted	Actions ~	G 🔗
	CG 2-174 Columbia Gas of PA	9507 <b>Triangle Heights</b> 2464 Royal Ln. Mesa, New Jersey 45463	2377471239	2112032819	Nov 27, 2021	Jan 12, 2022	Auto Pilot	24,120.0 USD	Posted	Actions ~	G 🔗
	W 2-415 Windstream	9621 <b>Dream Max</b> 8502 Preston Rd. Inglewood, Maine 98380	2112032819	5351022502	Nov 27, 2021	Jan 12, 2022	Auto Pilot	14,120.0 USD	Posted	Actions ~	G 🔗
	VA 2-3015 Verizon Albany	1906 Russell Contracting 2972 Westheimer Rd. Santa Ana, Illinois 85486	9506932861	1501341233	Nov 27, 2021	Jan 12, 2022	Auto Pilot	25,020.0 USD	• Posted	Actions ~	G 🔗
	A 401 AmeriGas	2452 <b>Sthapatya Green</b> 2972 Westheimer Rd. Santa Ana, Illinois 85486	8524792206	1696086371	Nov 27, 2021	Jan 12, 2022	Auto Pilot	34,100.0 USD	• Posted	Actions ~	G 🔗
	AE 2-364 Adams Electric	1988 <b>Precious Homes</b> 6391 Elgin St. Celina, Delaware 10299	1565015004	1883798829	Nov 20, 2021	Jan 12, 2022	Auto Pilot	42,620.0 USD	Posted	Actions ~	G 🔗
	CG 2-174 Columbia Gas of PA	9617 <b>Western Buildes</b> 1901 Thornridge Cir. Shiloh, Hawaii 81063	1883798829	8524792206	Nov 20, 2021	Jan 12, 2022	Auto Pilot	42,620.0 USD	Posted	Actions ~	G 🔗
	W 2-415 Windstream	5134 <b>B Square Construction</b> 4517 Washington Ave. Manchester, Kentucky 3949	5 9501956750	2377471239	Nov 20, 2021	Jan 12, 2022	Auto Pilot	42,620.0 USD	Posted	Actions ~	G 🔗
	VA 2-3015 Verizon Albany	2227 <b>Everest Height</b> 2715 Ash Dr. San Jose, South Dakota 83475	5351022502	6255877057	Nov 20, 2021	Jan 12, 2022	Auto Pilot	42,620.0 USD	Posted	Actions ¥	G 🔗
	A 401 AmeriGas	2754 <b>Bright Stone</b> 4140 Parker Rd. Allentown, New Mexico 31134	1641617565	1565015004	Nov 20, 2021	Jan 12, 2022	Auto Pilot	42,620.0 USD	• Posted	Actions ¥	G 🔗
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#### STL in SAP

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B	Status	Step Details	Vendor Name	Vendor	Vendor Invoice No	Latest Comment Invoice Amount	Invoice Type	PO Number Channel	Credit Memo	1
	٢	Duplicate Invoice	LEHIGH COUNTY AUTHORITY	2000002113	2557463	95.20	Non-PO Utility Invoice	AUTOPILOT	4	40003 🕽
	٢	Utility Invoice Missing on Last Mnth	LEHIGH COUNTY AUTHORITY	2000002113	2557463	95.20	Non-PO Utility Invoice	AUTOPILOT	4	40003
	٩	Missing Mandatory Data		null	200004246399	302.11	Non-PO Utility Invoice	AUTOPILOT	4	40003
	٩	Missing Mandatory Data	BEAVER FALLS MUN. AUTH.	2000000410		30.83	Non-PO Utility Invoice	AUTOPILOT	4	40003
	\$	Missing Mandatory Data	Authority of the Borough of Charler	2000000570		104.99	Non-PO Utility Invoice	AUTOPILOT	4	40003
	٩	Missing Mandatory Data	Authority of the Borough of Charler	2000000570		104.99	Non-PO Utility Invoice	AUTOPILOT	4	40003
	٢	Missing Mandatory Data	Authority of the Borough of Charler	2000000570		104.99	Non-PO Utility Invoice	AUTOPILOT		40003
	٩	Utility Invoice Missing on Last Mnth	Bucks County Water & Sewer Authorit	200000088	1025058-00	43.63	Non-PO Utility Invoice	AUTOPILOT	4	40003
	٩	Missing Mandatory Data		null	BOQJ3818.xls	185.00	Non-PO Utility Invoice	AUTOPILOT	4	40003

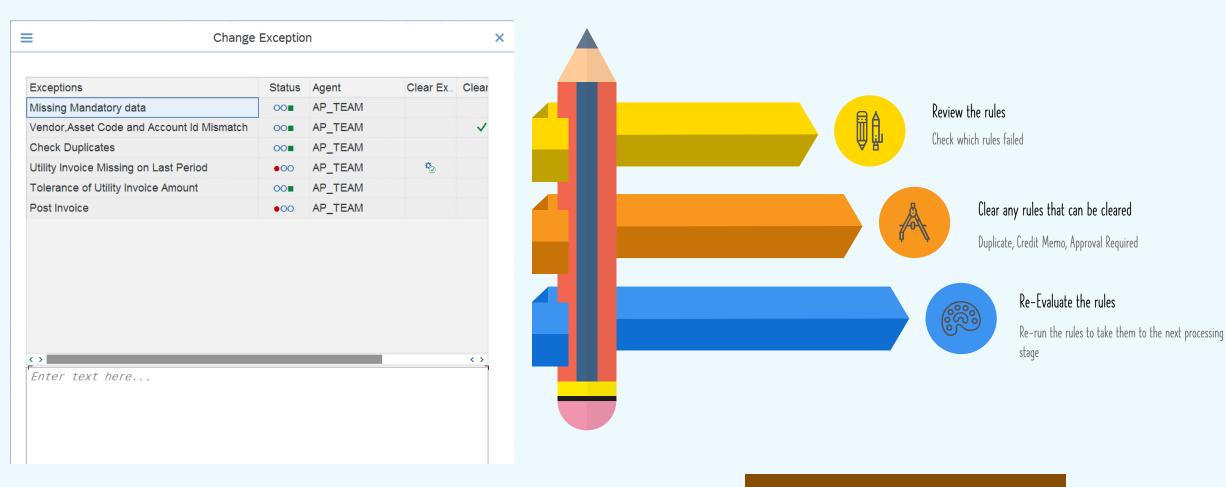
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#### Invoice Cockpit in SAP

< SAP		SmartDocs cockpit for 4	400037756 - Post Invoice
✓ ₪	P Comments	<b>♀</b> <sub>■</sub> Exceptions <b>1</b> Attachments	s 🐣 Header 📋 Log Data 📑 Attachments More 🗸
Digitize I Botify   Trans	General Activities		
	Collaboration Activitie		
	Coll with PTC user	J	
Invoice Type Non-PO U	tility Invoi Processing Stage	Invoice Posting	
	Balance	0.00	
Main General Vendor I	Details Last Period Invoices		
_			
Invoice Date	12/15/2022	Go to Vendor link	Go to Asset link
Posting Date	03/02/2023	Vendor	2000002113 LEHIGH COUNTY AUTHORIT
SAP Document No	Year 0	Vendor Inv No	2557462
Submitter Email		Asset Code	AC_0324A2
Header Text	*2557463	Account ID	30182
Period/Dates of Service		Bill Amount	95.20
Channel	AUTOPILOT	Last Month Bill Amt	95.20 USD



#### Invoice Cockpit - Business Rules/Exceptions



Re-Evaluate Rules



#### Utilities Audit Report in SAP

	SAP						Sma	artDocs Utility Invoices	PAR						
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•	Doc ID E	Exceptions		Invoice No.	Invoice Type	Channel	Agent	Current Exception	Asset Code	Account Id	Vendor 200000154	Vendor Name	NAGE AUTHOR		ce Numb
		Exceptions	Status InProcess	Invoice No.	Invoice Type Non-PO Utility Invoice	Channel e OCR	Agent			Account Id 2388413047	200000154	PENN TWP SE			
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## Demo

Utility Invoice Processing





## Patterns & Anti Patterns

DOs and DON'Ts





## $\ensuremath{\mathsf{DOs}}$ and $\ensuremath{\mathsf{DON'Ts}}$

Collaboratively administrate turnkey channels whereas virtual retailers.



Plan for Change Management Proactively and aggressively plan for change. Recruit Process Campions in various departments



#### Integrated Solution

Plan for an integrated solution with your core systems. Including your ERP and ITSM systems



#### Limit Customizations

Though your business is unique, try to minimize enhancements and modifications in core systems



#### Inadequate Testing / UAT

Ensure extensive and proper testing is done Transformation means change to Status Quo



#### Forcing Process Changes

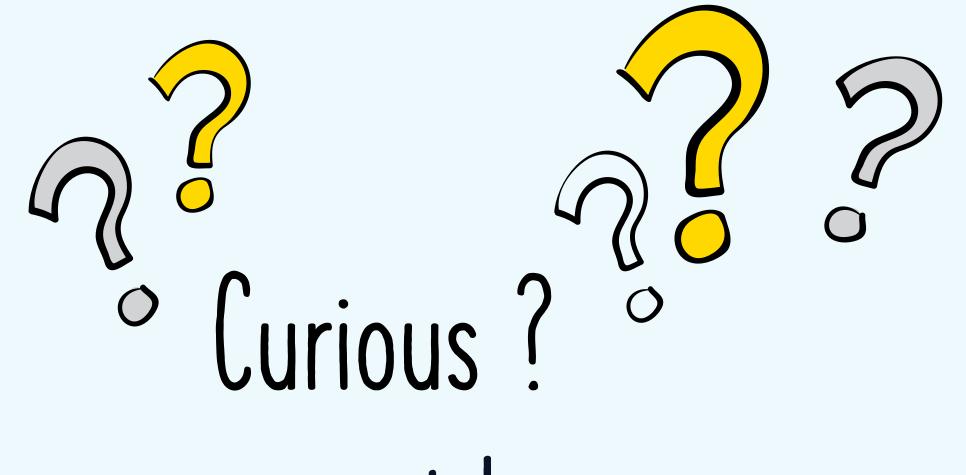
Without proper buying from all departments don't roll out changes that effect different parties



#### Unprepared for Change

Not adequately prepared for the changes





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