

Boost Productivity with Machine Learning in Cash Applications

1. Automate Core Processes

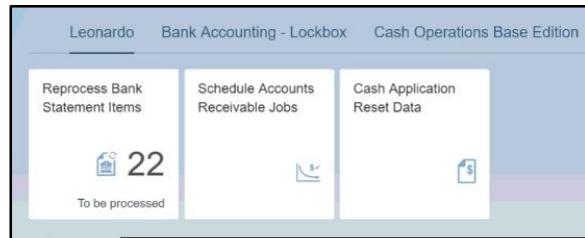
Machine learning automates the historically manual Cash Application process by flexing to changing conditions.

2. Free Staff to Manage Exceptions

Finance users rely on intelligent ERP to manage processes and flag exceptions if human action is needed.

3. Processes Grow Smarter With Use

The more machine learning is used, the more it learns about users' preferences and priorities and the smarter it gets.

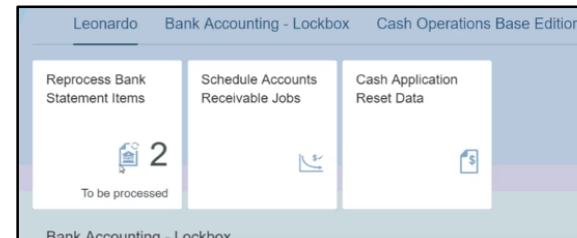


1 Most organizations build rules and logic to help match open invoices. Top performers can match 70% of invoices. But these rules are static. Here there are 22 re-processed bank statement items that need the finance team's attention.

2 Simply using SAP's machine learning capability to apply cash to the invoices, has cut the open items to just 2 – a 90% reduction. If it takes 10 minutes to manually match open items – how long much time would your business save a week, month or year?

Bank Statement Items (22) Sorted

P...	Pr...	Company Code	House Bank	House Bank Account	Bank Statement Date	Bank Statement No.	Line Item No.	Amount
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	1	1	550.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	1	2	555.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	1	3	552.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	1	4	550.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	1	1,713.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	2	1,710.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	3	1,725.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	4	1,731.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	5	101.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	6	114.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	7	105.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	8	121.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	9	449.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	10	453.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	11	480.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	12	462.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	13	936.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	14	940.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	15	945.00 EUR



Bank Statement Items (2) Sorted

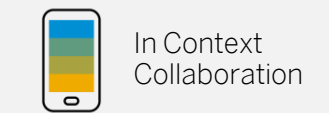
P...	Pr...	Company Code	House Bank	House Bank Account	Bank Statement Date	Bank Statement No.	Line Item No.	Amount
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	17	362.00 EUR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1010	DEBK1	DEAC1	04/19/2017	3	18	1,997.00 EUR

3 Looking at one example shows the bank statement is missing 2 zeros. The rules engine can recognize 1 missing zero. The rules engine needs to be updated in order to handle that scenario, where the machine learning can dynamically change and flex with those changing conditions. You can set tolerance limits and auto-posting thresholds so you stay in control.

Log Details Standard

Severity	Description	Time Stamp
Information	Item 180000001 (1010, 2017) is proposed with a confidence level of 99.3200 %	06/27/2017, 18:15
Information	Account 0010100001 (1010) is proposed with a confidence level of 99.3200 %	06/27/2017, 18:15
Success	Document 1400000673 was posted in company code 1010	06/27/2017, 18:15

Powered by the intelligent Cloud ERP



Intelligent Cloud ERP vs. Traditional ERP

Feature	Intelligent Cloud ERP	Traditional ERP
Integrated finance data	<input type="radio"/>	<input checked="" type="checkbox"/>
Embedded real-time analytics	<input checked="" type="checkbox"/>	<input type="radio"/>
Machine learning	<input checked="" type="checkbox"/>	<input type="radio"/>
In-context collaboration	<input type="radio"/>	<input checked="" type="checkbox"/>

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