

# Payment Days Updater (PDU)

New, from Lefkowitz Systems, Inc.

Now available for SBT ProSeries 5.0 and 3.x!

**Want to know all of your customers= Average Days to Pay (ADP)?** You can't with **SBT ProSeries** even though there is a field in the customer file to hold this statistic.

**PDU** calculates **Average Days to Pay** and stores the result in **SBT=s PMTDAYS** field in the customer table. Once loaded, the numbers can be easily viewed by adding the field to a browser on ARCUST.

Customer	Company	Phone	Balance	LPmt	Avg Days to Pay	Ptd.
ADG1	Addison Dutton and Gre	415/312-5678	-1343.06	06/17/95		9
AED1	Atlantic Edison	508/714-1111	469.75	06/11/95		3
AHC1	Animal Health Care	415/319-9991	553.77	06/02/95		3
AHP1	Albany Hospital Plaza	408/345-7221	1766.73	06/17/95		20
ATS1	Atlantic Trust and Saving	408/941-2221	553.32	06/17/95		5
BBE1	Bay Business Enterprise	408/913-4587	2777.68	06/23/95		3
BCA1	Bellefonte Creative Arts	111/777-3333	1090.05	06/17/95		5
BEC1	Birmingham Emmenthal	111/783-1234	43.92	06/08/95		15
BGR1	Bears Grinding and Rail	415/320-1111	579.35	06/10/95		3
BRA1	Businesswear Retail Ass	415/888-1111	1028.07	06/17/95		2
BST1	Blockarch, Steamhove	415/989-8733	11720.76	06/23/95		1
BWP1	Bay Water & Power	415/416-7891	1020.19	06/14/95		4
CASH	Cash Sale	-	-819.25	06/23/95		2
EP	Elmer Pigs		0.00			0
HFC1	Hughes Finance Compa	408/813-3878	10673.25	06/08/95		5
IAC1	Interstate Air Condition	415/347-3248	936.72	06/17/95		10
IBI	International Business In	241/914-3894	3618.37	06/17/95		4

**PDU** is triggered by a user-defined Custom Menu option and all programming is external to SBT. This means you do not have to possess a source code license to run **PDU** and that **PDU** is immune to build-compliance problems!

## Technical information:

**PDU** calculates **Average Days to Pay** for each customer as a dollar-weighted average of the age of each customer's payments. Open invoices are not included in this statistic.

Here is the formula:  $ADP = \frac{\sum (Pmt_n * DTP_n)}{TP}$

where: ADP = Average Days to Pay  
 Pmt<sub>n</sub> = Payment<sub>n</sub>  
 DTP<sub>n</sub> = Days to Pay<sub>n</sub> = Payment Date<sub>n</sub> - Invoice Date<sub>n</sub>  
 TP = Total Payments for this customer =  $\sum Pmt_n$

Example: Customer ABC1 has paid three invoices:

Invoice	Amount	Inv. Date	Pay Date	Days To Pay
1000	\$80	01/01/96	01/30/96	30
1001	\$100	01/01/96	02/09/96	40
1002	\$120	01/01/96	02/19/96	50

$TP = 80 + 100 + 120 = \$300$

$ADP = [ (\$80 * 30) + (\$100 * 40) + (\$120 * 50) ] / 300 = 41.34$