

Electronic Payments Growth & Why Account Authentication Matters

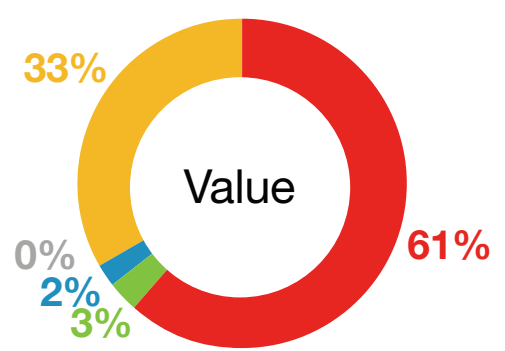
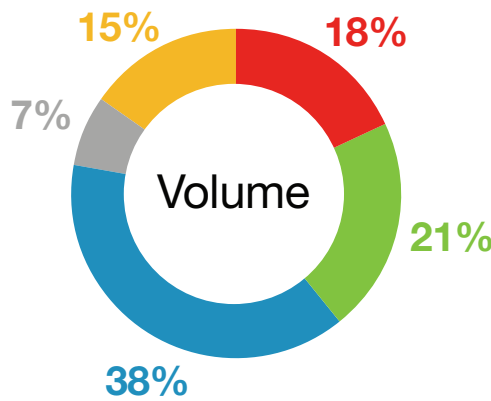
Growth In Electronic Payments

In the US in 2012, there were an estimated **122.8 billion** non-cash payments

Estimated value: **\$79 trillion¹**

Distribution Of Non-Cash Payments¹ In 2012

- ACH
- Checks (Paid)
- Credit Cards
- Debit Cards
- Prepaid Cards



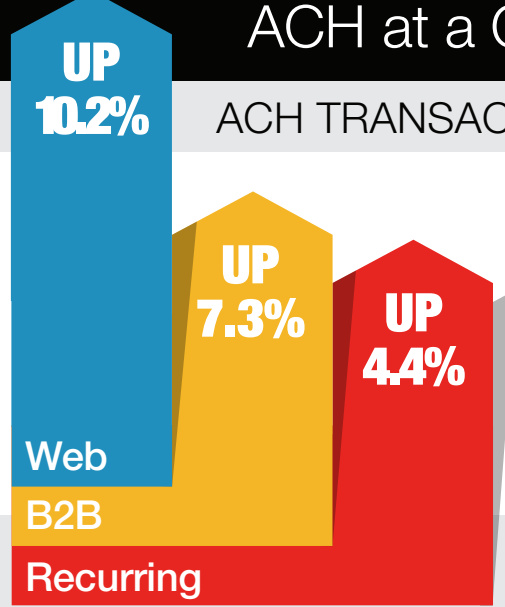
In 2014, ACH volume grew to almost

23 billion transactions

equating to more than **\$40 trillion²**

ACH at a Glance

ACH TRANSACTIONS²



The Returns Problem

Non-Sufficient Funds, Administrative and Unauthorized ACH Transaction Returns

Non-Sufficient Funds³

100,000,000 transactions

\$200 billion

Administrative ACH returns³

30,345,000 transactions

\$17.4 billion

Unauthorized ACH returns³

3,570,000 transactions

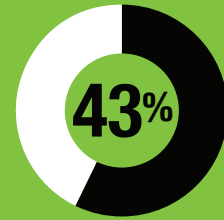
\$1.2 billion

Account Take-over

2014 780 recorded data breaches in 2014, exposing **85,611,528** records, contributing to the flood of consumer data on the black-market⁵

20% of FSO's expect account take-over fraud to increase in the next 12 months, resulting in a greater need to authenticate⁴

In 2013, account take-over fraud reached an all-time high due to data breaches, impacting over 2 million consumers—the highest it has ever been since tracking began in 2006.⁶



increase from 2012 resulting in:

\$5 billion in losses

Early Warning's Solution

Early Warning Improves Payments through Authentication

Real-time *Payment Chek*[®] Service with Account Owner Authentication (AOA)

Leverages the collaborative intelligence of the *National Shared Database*SM Resource and is the first and only technology to authenticate DDA account ownership, account signatory, and account status – providing inquiry responses in real-time.

Merchants, billers and Government agencies can now:

- Reduce returns and account takeover fraud for ACH, Wire and Checking transactions
- Reduce costs
- Enable a positive customer experience

National Shared Database Resource*

- Account Owner Authentication: On more than 374M deposit account owners associated with more than 256M deposit accounts
- Account Status: On over 514M participant accounts
Account Score: On 84M non-participant accounts

*The database consists of business and consumer accounts. Database stats as of August 2014.

Learn how Early Warning's Real-time *Payment Chek* Service with Account Owner Authentication can improve your payables and receivables.

Go to www.earlywarning.com/land_rtpcaoa.php

