Attackers Change in Motivation & Technique
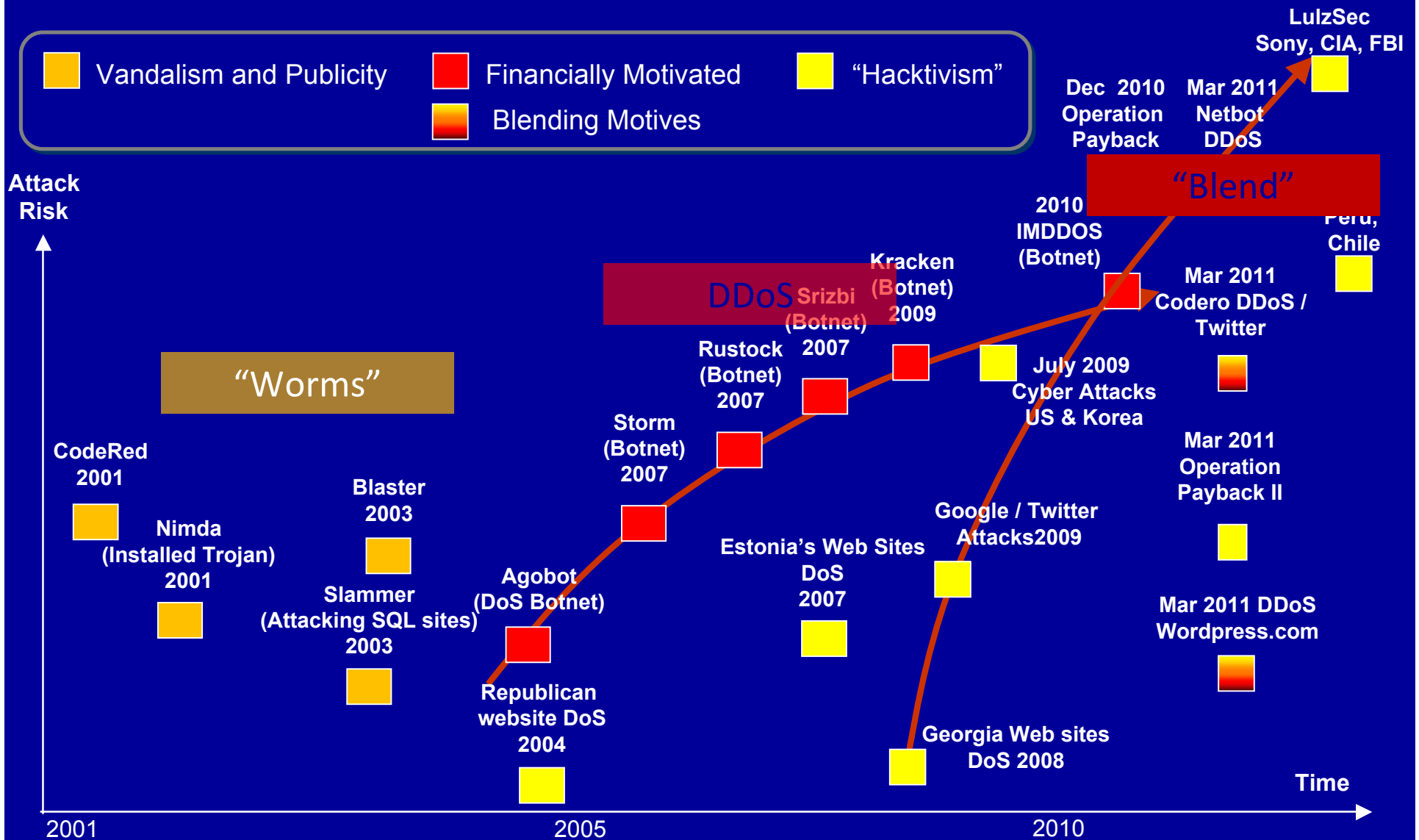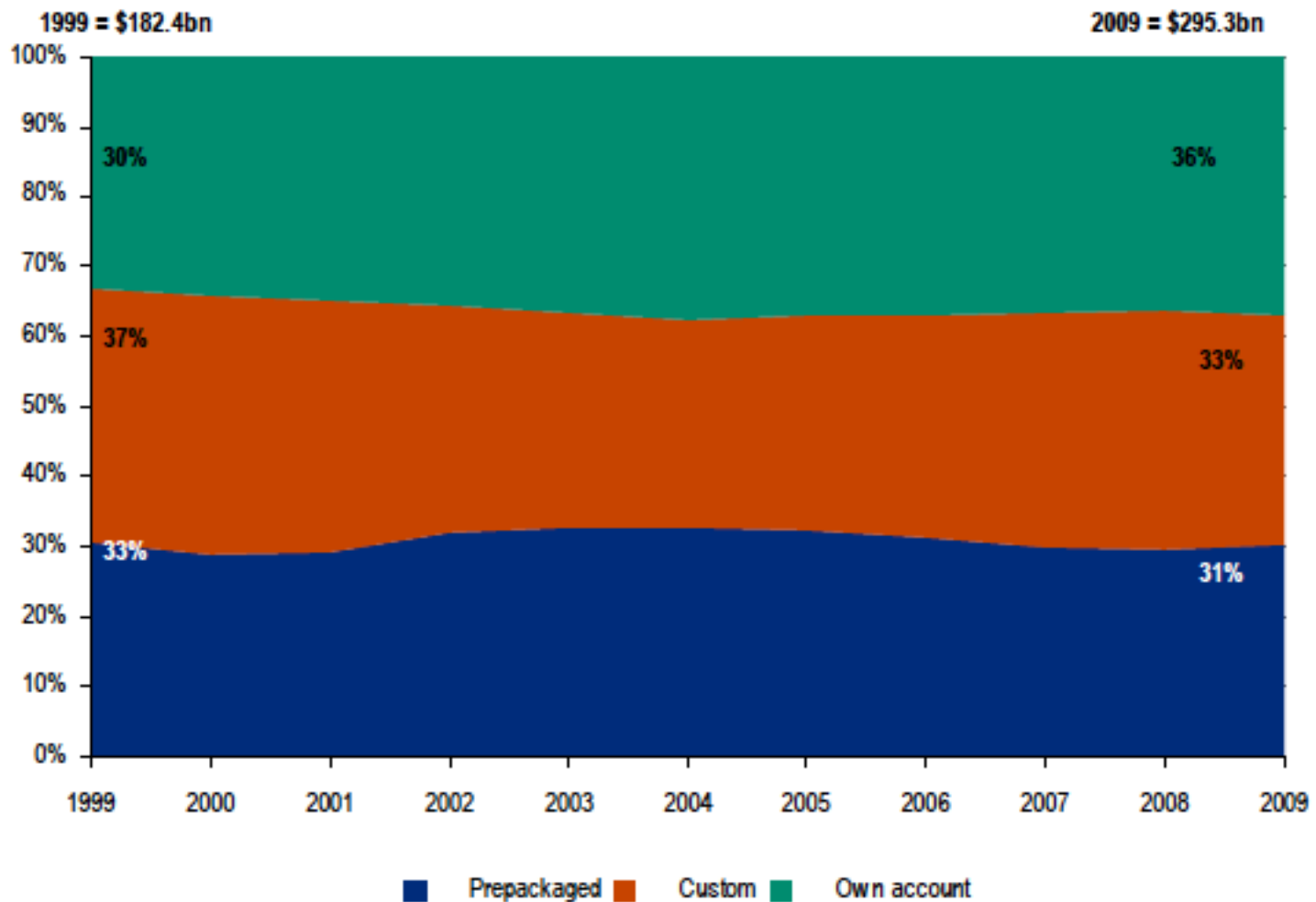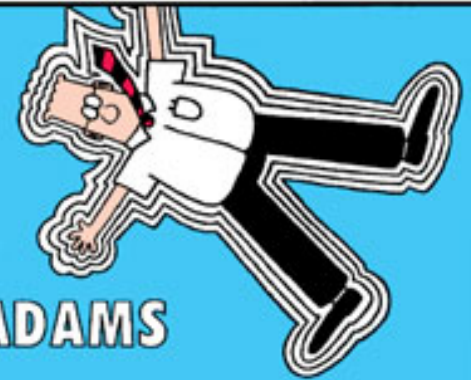
Vandalism and Publicity Financially Motivated "Hacktivism"

Blending Motives

Attack Risk

LulzSec Sony, CIA, FBI

Dec 2010 Operation Payback

Mar 2011 Netbot DDoS

"Blend"

2010 IMDDOS (Botnet)

Peru, Chile

Kracken (Botnet) 2009

Mar 2011 Codero DDoS / Twitter

DDoS Srizbi (Botnet) 2007

Rustock (Botnet) 2007

July 2009 Cyber Attacks US & Korea

"Worms"

Storm (Botnet) 2007

Mar 2011 Operation Payback II

CodeRed 2001

Blaster 2003

Estonia's Web Sites DoS 2007

Google / Twitter Attacks 2009

Nimda (Installed Trojan) 2001

Agobot (DoS Botnet)

Mar 2011 DDoS Wordpress.com

Slammer (Attacking SQL sites) 2003

Republican website DoS 2004

Georgia Web sites DoS 2008

Time

2001   2005   2010

Chart 11: Commercially bought software is only ~30% of US software spending

1999 = $182.4bn

2009 = $295.3bn

Source: Bureau of Economic Analysis; BofA Merrill Lynch Global Research
US software spending only