

# Accuracy Analysis for SpamHalter and POPFileD for Mercury/32 on Small Systems

## SpamHalter v4.3 on Mercury/32 v4.5

Server	Total Messages	Daily Avg.	Accuracy	FPR	False Pos.	False Neg.	Start Date
MtShasta.lmms.lmco.com	29199	165	99.60%	0.12%	35	82	16-Aug-06
tstephenson.com	56760	321	99.59%	0.35%	200	32	16-Aug-06
SVLWKCP6BP.lmms.lmco.com	16650	94	99.86%	0.07%	12	12	16-Aug-06
<b>Average</b>		193	99.68%	0.18%	82	42	

## POPFileD v1.22.4 beta in Mercury/32 v4.5

Server	Total Messages	Daily Avg.	Accuracy	FPR	False Pos.	False Neg.	Start Date
MtShasta.lmms.lmco.com	15,609	175	99.73%	0.11%	17	25	14-Nov-06
tstephenson.com	36,264	399	99.77%	0.04%	16	66	12-Nov-06
SVLWKCP6BP.lmms.lmco.com	8,386	94	99.98%	0.01%	1	1	14-Nov-06
<b>Average</b>		223	99.83%	0.05%	11	31	

**Accuracy = 1-(False Pos. + False Neg.)/Total Messages**  
**False Positive Rate (FPR) = False Pos./Total messages**

For SpamHalter this data is from the spamstat.txt file. The numbers represent the errors that resulted in a correction and not every message that was sent to the Spam or NoSpam account

For POPFileD this data is from the POPFile Buckets screen and it represents 100% of the changes sent to POPFile even if the database was not changed by the correction.

The messages POPFile said were UNCLASSIFIED are treated as false negatives.