Real World Scenario #1 Jane Emails John

"John" has met an acquaintance "Jane", with whom he wishes to correspond via email.
"John" tells "Jane" his email address
john@hisisp.com then he tells her his authorization phrase "1234"

"Jane" decides to email john.
She has previously downloaded an Open Email Address Generator (OEAG),
or this facility is incorporated into her email client program.
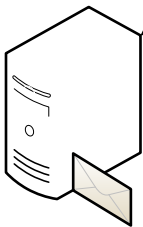She types in his email address
john@hisisp.com
Then she types in the the authorization phrase "1234"
The Open Email Address Generator or Email Client Program generates an
"Extended Email Address"
75f545c114149594e5c5#john@hisisp.com

She optionally copies the "Extended Email Address" into the To: line of her
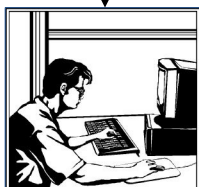email message, composes her email and presses "SEND".

"Jane's" email arrives at hisisp.com's mail server,
John's authorization phrase is retrieved and
compared to the decrypted version of that supplied by
Jane.
"1234" is retrieved.
"1234" is decrypted.
As both phrases match,
the email is delivered.

John "reads" the email using his favorite email program.

Figure 5