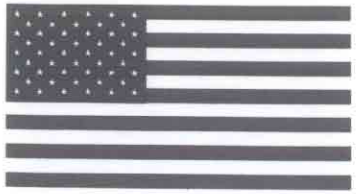
FIPS 140-1 Validation Certificate



The National Institute of Standards and Technology of the United States of America

The Communications Security Establishment of the Government of Canada

Certificate No. 30

The National Institute of Standards and Technology, as the United States FIPS 140-1 Cryptographic Module Validation Authority; and the Communications Security Establishment, as the Canadian FIPS 140-1 Cryptographic Module Validation Authority; hereby validate the FIPS 140-1 testing results of the Cryptographic Module identified as:

PC Meter Cryptographic Module, by Pitney Bowes, Inc.

(Validated only for the DES MAC authenticated services: Credit, Put IBIP Data, and Zeroize Keys)

In accordance with the Derived Test Requirements for FIPS 140-1, *Security Requirements for Cryptographic Modules*. FIPS 140-1 specifies the security requirements that are to be satisfied by a cryptographic module utilized within a security system protecting *Sensitive But Unclassified Information* (United States) or *Designated Information* (Canada) within computer and communications systems (including voice systems).

Products which use the above identified cryptographic module may be labeled as complying with the requirements of FIPS 140-1 so long as the product, throughout its life cycle, continues to use the validated version of the cryptographic module as specified in this certificate. The validation report contains additional details concerning test results. No reliability test has been performed and no warranty of the products by both agencies is either expressed or implied.

This certificate includes details on the scope of conformance and validation authority signatures on the reverse.

FIPS 140-1 provides four increasing, qualitative levels of security: Level 1, Level 2, Level 3, and Level 4. These levels are intended to cover the wide range and potential applications and environments in which cryptographic modules may be employed. The security requirements cover eleven areas related to the secure design and implementation of a cryptographic module. The scope of conformance achieved by the cryptographic modules as tested in the product identified as:

PC Meter Cryptographic Module, by Pitney Bowes, Inc. (ID: Part Number P200V, Version ABB; Hardware)

and tested by the Cryptographic Module Testing accredited laboratory: **InfoGard Laboratory, NVLAP LAB CODE 100432-0**
is as follows:

Cryptographic Module Design:	Level 3	Module Interfaces:	Level 3
Roles and Services:	Level 3	Finite State Machine Model:	Level 3
Physical Security: (single chip)	Level 3	Software Security:	Level 3
EMI / EMC:	Level 3	Self Tests:	Level 3
Key Management:	Level 3		

Operating System Security Level **N/A** is met when used in the following configuration(s): **N/A**

The following FIPS approved Cryptographic Algorithms are used: **DES (cert.#35), SHA-1 (cert.#11)**

The Cryptographic module also contains the following non-FIPS approved algorithms: **RSA**

End user queries concerning the non-FIPS approved algorithms may be directed to their respective Cryptographic Module Validation Authority.

Overall Level Achieved: 3

Signed on behalf of the Government of the United States

Signature: Miles E. Smid

Dated: 2 October 1998

Manager, Security Technology Group
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: Barry Madill

Dated: 28 September 1998

Director, Information Protection Group
The Communications Security Establishment

info LABORATORIES gard
Accredited Testing

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FIPS 140-1 Certification Data

InfoGard Point of Contact:	Young McCann InfoGard Laboratories NVLAP LAB code 100432
Company:	Pitney Bowes, Inc.
Point of Contact:	Frederick W. Ryan, Jr.
Address:	1 Elmcroft Rd Stamford, CT 06926-0700
Phone:	(203) 924-3500
Fax:	(203) 924-3385
E-Mail:	ryanfw@pb.com
Product Name:	Cryptographic Module for Pitney Bowes IBIP PSD
Part Number:	P200V
Revision or Version:	ABB
Other FIPS approved algorithms:	DES, SHS
Other non-FIPS approved algorithms:	RSA

Product Description: The module provides security services to support the secure accounting and cryptographic functions necessary for value evidencing of electronic transactions, such as the United States Postal Service Information Based Indicium Program (USPS IBIP)