INTELLICAT[®] INSTALLATION KIT

Manual Part Number: 99875187-6

OCTOBER 2004



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REVISIONS

Rev Number	Date	Notes
1	23 Jan 01	Initial Release contains the following:
		99875172
		99875182
		99875183
		99875184
2	27 Mar 01	Updated 99875172 -2 to -3;
		Updated 99875183 -1 to -2;
		Updated 99875184 -1 to -2
		Added 99875189 -1
3	25 Apr 01	Updated 99875189 to -2
4	27 May 03	Front Matter: Added ISO line to logo.
		Updated all enclosures.
5	3 Mar 04	Throughout: Changed IntelliCAT text
		and forms to IntelliCAT [®] (registered)
		where required. Updated all enclosures:
		99875172 to7
		99875182 to -3
		99875183 to -5
		99875184 to -4
		99875189 to4
6	6 Oct 04	Removed 99875189, Timeline –
		obsolete.

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REGISTERED TO ISO 9001:2000

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INTENTIONALLY LEFT BLANK FOR REPRODUCING TWO-SIDED FORMS

INTELLICAT® SYSTEM INSTALLATION OVERVIEW

Implementation Coordinator:_____

Module	Purpose	Comments	Financial Institution Contact	Number of Activation Codes
Administrator	 Controls access to IntelliCAT Assign new operators Assign operator security level 	 It is recommended that this be installed in a secure manner where only authorized personnel have access. 1. Requires IntelliCoder[™] or Embosser to generate 	Name:	
	 Make operator cards Generates a database that is shared by other modules 	operator cards.2. Usually installed only on a single PC that is accessible to an administrator or supervisor.	Phone:	
Key Injection	 Loads all necessary keys into IntelliPIN[®] Assigns identifier to each key (0-5, A-Z, a-z) Changes master key in IntelliPIN prior to deployment 	 Security Issues: Should not be on the network. Should be used in a secure room. 	Name:	
Designer	 Creates card templates and track layouts used in the Data Entry module. Designer templates (CRD files) define what cards are accepted by the IntelliCAT system and what actions may be performed on these cards. CRD files are distributed to each workstation with Data Entry Module. 	 Defines PAN/VAN, algorithms and placement of all variables. Defines which keys are used (0-5, A-Z, a-z) for each encryption operation. Normally used in a single PC, either standalone or on a network. 	Priorie Name: e-mail: Phone:	
Controller	 Processes Card Production Requests. Controls card activity at the IntelliCoder or embosser through the use of a "Print" queue. 	 Only required in a network installation. It would be loaded only on the workstation that has an IntelliCoder or embosser directly attached. 	Name: e-mail: Phone:	
Data Entry	 Acquires cardholder information Issues cards Re-PIN cards 	 Used with IntelliPIN attached to PC. In a non-network installation, IntelliCoder or Embosser may be attached. 	Name: e-mail: Phone:	
Configuration	 Change configuration Modify operational paths Maintain network installations Modify location of installed components 	This module automatically installed on each PC. During installation, if module placement is not known, accept the defaults. This will speed up the installation, and later the Configuration module can modify the defaults.	MAGTEK® REGISTERED TO ISO 9001:2000 1710 Apollo Court Seal Beach, CA 90740 Phone: (562) 564-6400; FAX: (562) 546-6301 Technical Support: (888) 624-8350	

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The following illustration shows a possible network installation:



INTELLICAT® WORKSTATION INSTALLATION

Financial Institution:	
Branch:	
Workstation:	



IntelliCAT Software Suite CD Serial Number _

On the form below, indicate which module(s) should be installed on this workstation. The Activation Codes will be filled in by the installer after the modules have been installed.

Challenge

Install if checked	Module Name	Activation Code
	Administrator module	
	Controller module	
	Data Entry module	
	Designer module	
	Key Injection module	

Installation Notes:

- 1) Insert the CD and, when prompted, use the cursor to place a check mark next to each module that is indicated in the table above.
- 2) Refer to the back of this document for a list of all of the setup values and paths that need to be entered for this workstation.
- 3) After the installation is complete, attempt to open each module which has been installed.
- 4) When the challenge is displayed, call the Mag-Tek help desk (888-624-8350) to obtain an activation code for each installed module. You will be required to enter this activation code in order to operate each module.

INTELLICAT[®] WORKSTATION INSTALLATION

As the installation progresses, answer the questions as indicated below. Not all of the entries will be used in every installation.

Question	MagTek Default	Actual
Executables path	C:\Program Files\MagTek\IntelliCAT\	
Modules to install	_Administrator module _Designer module _Controller module _Key Injection module _Data Entry module	
Select Program Folder	Mag-Tek\IntelliCAT System	
CPD's to make available	_DataCard_150i _ Motorized IntelliCoder _ IntelliCAT_Controller _ PIN w/o Card _ IntelliCoder	
CPD for Customer cards	_IntelliCoder (local connection) _ Motorized IntelliCoder _PIN w/o CardPIN w/o Card	
COM Port for Customer card device	2	
Operator Timeout value	15 minutes	
Data Entry Transaction Mode	_Yes, one transaction per Operator Log On _No, use the automatic time out	
IntelliPIN Timeout	30 seconds	
CPD for Administrator	_ IntelliCAT_Controller (print via Queue) _ DataCard_150i Embosser (local connection) _ Motorized IntelliCoder (local connection)	
COM Port Number: Administrator CPD	2	
COM Port Numbers: IntelliPIN	1	
Operator's Database path	C:\Program Files\MagTek\IntelliCAT\	
History Path	C:\Program Files\MagTek\IntelliCAT\History	
Card Layout Path	C:\Program Files\MagTek\IntelliCAT\Card Layouts	
Controller List Path	C:\Program Files\MagTek\IntelliCAT\	
Report Path	C:\Program Files\MagTek\IntelliCAT\Reports	
BIN List.txt Path	C:\Program Files\MagTek\IntelliCAT\BinList.txt	
Controller Information	Default Controller	
Controller Queue Path	C:\Program Files\MagTek\IntelliCAT\Queue	
Controller Working Path	C:\Program Files\MagTek\IntelliCAT\	
Would you like a short-cut to IntelliCAT folder on desktop	Yes	

After the installation has completed, if you are asked to restart the computer, select "Yes, I want to restart my computer now."

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INTELLICAT[®] DESIGNER WORKSHEET

This form can be used to help with entering information into the IntelliCAT Designer module. The form is designed to accommodate usual card formats. If the form does not address your particular situation, you can go directly to the IntelliCAT Designer module and make the necessary modifications.

Variable	Entry	Comment												
	BIN Information													
BIN		Enter actual BIN digits (1 to 10)												
BIN Length		Number of digits entered above												
Reference Character	;%=^	Locates BIN on track 1 or 2												
Displacement from ref. char.		0 thru 16												
	PAN Information													
VAN length		Includes check digit (if supplied)												
PAN Formula		e.g., 123456{VAN}												
Verify Check Digit (yes/no)		Operator enters check digit with VAN												
Calculate Check Digit (yes/no)		Operator does not enter check digit												
	Offset Information													
Offset Information Offset Length 4 to 6														
Max PIN Length		4 to 12												
Offset Reference Character	;%=^	Locates offset on track 1 or 2												
Display offset before print (yes/no)		Allows operator to see the offset												
Displacement from ref. char.		0 to 20												
Validation formula		e.g., 123456{VAN}												
Key identifier		0-3, A-Z, a-z from Key Injection												
Decimalization table		Requires 16 digits												
	PVV Information													
PVV Validation Formula														
PVV Length		4 to 6												
PVKi		Single digit												
Left Key identifier		0-3, A-Z, a-z from Key Injection												
Right Key identifier		0-3, A-Z, a-z from Key Injection												
	CVC/CVV Information													
CVC/CVV Block 1 formula														
CVC1/CVV1 Block 2 formula														
CVC2/CVV2 Block 2 formula														
Left Key identifier		0-3, A-Z, a-z from Key Injection												
Right Key identifier		0-3, A-Z, a-z from Key Injection												
	Card Layout Coercivity													
Coercivity	AutoHiCoLoCo													

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INTELLICAT[®] DESIGNER WORKSHEET

Use the legend below to complete your track layout

- 1 BIN
 - VAN
- 2 3 Offset
- 4 PVKI
- 5 PVV
- 6 7 Check digit

- C Service Code First Name
- F
- L Last Name
- M Expiration Date MM V CVV/CVC
- Y Expiration Date YY
- Format Code (A or B)
 - Z Zero

- ? End Sentinel
- % Start Sentinel Track 1
- Start Sentinel Tracks 2 & 3
- ^ Field Separator Track 1
- Field Separator Tracks 2 & 3 =
- / Slash

Note: The length of the name field is variable and will be adjusted to the length of the card holder's name. When the name field is adjusted, all of the characters following the name will be moved but will remain relative to the second field separator (^).

Track Layout

Ca	rd	Da	ita	Tra	ick '	1																																
SS																																						
%																																						
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Tra	ck 1	ı —	Со	ntir	nue	d																																
	••••																																					
	<u></u>																																					
						_																																
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
39 Tra	40 ck 2	41 2	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77

SS	5																																					
;																																						
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38

Sample Track Layout

Card Data Track 1

SS	FC			В	IN							VA	١N					FS										NA	ME									
%	6	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	7	^	L	L	L	L	L	L	L	L	L	L	/	F	F	F	F	F	F	F	F	F
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38

Track 1 — Continued

	FS		DA	TE			SVO	С		C)FF	SE	Т				C	CVV	/ FI	EL	D				ES												
FF	^	Υ	Y	Μ	М	С	С	С	Z	3	3	3	3	Ζ	Ζ	V	V	V	Ζ	Ζ	Ζ	Ζ	Ζ	Ζ	?												
39 40) 41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77

Track 2

SS	5		В	IN							V	٩N					FS		DA	ΤE			SVC	С		C	DFF	SE	Т	(CV	V	ES					
;	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	7	I	Υ	Υ	Μ	М	С	С	С	Ζ	3	3	3	3	V	V	V	?					
0	1	2	3	4	5	6	7	8	9	10) 11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38