

## SCHEDA SOLUZIONE

<b>Terminale</b>	Produttore: NCR S.p.A.	Modello: P87 alias 5887
<b>Applicazione Software</b>	Produttore: Auriga S.p.A.	Release: Vassallo 01.00.01
<b>EPP</b>	Modello: 5808	Firmware: DAPI118
<b>Lettore Carta</b>	Modello: ICT3Q8-2R1A0340	Firmware: V02.88
<b>Dispensatore Banconote</b>	Modello: S1 dispenser	Firmware: N/A
<b>Certificazioni EMV</b>	Level 1: 11624 0303 400 20 FIM	Level 2: 2-01713-1-1C-RFI-0709-4.2.a 2-01713-1-2C-RFI-0709-4.2.a 2-01713-1-10S-RFI-0709-4.2.a

### Caratteristiche

<b>Terminal Capabilities</b>	AID A0000001410001 (Bancomat/PagoBancomat)	60C0E0		
	AID A0000001410010 (Bancomat)	60C0E0		
	AID A0000001410020 (PagoBancomat)			
<b>Cifratura PIN</b>	Des / TDes			
<b>Lingue</b>	IT, EN, ES, FR, DE			
<b>Specifiche EMV</b>	4.x			
<b>Abilitazioni</b>	Prelievo <b>SI/NO</b>	Saldo <b>SI/NO</b>	Lista Movimenti <b>SI/NO</b>	Versamento <b>SI/NO</b>

### Moduli software impiegati per la gestione di carte del circuito BANCORMAT<sup>2</sup>.

Descrizione Tipologia	Funzioni Svolte	Denominazione (Nome File)	Versione	Data rilascio	HASH (solo per SW proprietario)
Transazioni Utente Operatività Microcircuito	Riconoscimento Utente	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		EmvKernel.dll	01.00.00	17/06/2009	AEA3BCAD EB75A847 8773F9E9 B705CE1E A8CD27B2
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
	Prelievo	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		EmvKernel.dll	01.00.00	17/06/2009	AEA3BCAD EB75A847 8773F9E9 B705CE1E A8CD27B2
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeWithdrawal.dll	01.00.00	01/07/09	1ABDC73C 4A76119E 2B2DB3F5 A394994D 4591EF00
	Chiusura Saldo	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		EmvKernel.dll	01.00.00	17/06/2009	AEA3BCAD EB75A847 8773F9E9 B705CE1E A8CD27B2
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeInquiry.dll	01.00.00	01/07/09	7AC68B10 18B1C25C F2F56AC1 EF7B0E26 1CC538E2
	Lista Movimenti	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		EmvKernel.dll	01.00.00	17/06/2009	AEA3BCAD EB75A847 8773F9E9 B705CE1E A8CD27B2
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeInquiry.dll	01.00.00	01/07/09	7AC68B10 18B1C25C F2F56AC1 EF7B0E26 1CC538E2
	Versamento	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
EmvKernel.dll		01.00.00	17/06/2009	AEA3BCAD EB75A847 8773F9E9 B705CE1E A8CD27B2	

<sup>2</sup> Sono riportate le informazioni di tutti i moduli necessari alle funzioni del circuito e presenti nelle diverse componenti hardware, integrate o distribuite che compongono il prodotto

		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeDeposit.dll	01.00.00	01/07/09	5DEFEE1A 469A72D8 6CE03D7D D2BBE4EA E3161D5B
Transazioni Utente Operatività Banda Magnetica	Riconoscimento Utente	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
	Prelievo	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeWithdrawal.dll	01.00.00	01/07/09	1ABDC73C 4A76119E 2B2DB3F5 A394994D 4591EF00
	Chiusura Saldo	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeInquiry.dll	01.00.00	01/07/09	7AC68B10 18B1C25C F2F56AC1 EF7B0E26 1CC538E2
	Lista Movimenti	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeInquiry.dll	01.00.00	01/07/09	7AC68B10 18B1C25C F2F56AC1 EF7B0E26 1CC538E2
	Versamento	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		ITEmvNatlSchemeDeposit.dll	01.00.00	01/07/09	5DEFEE1A 469A72D8 6CE03D7D D2BBE4EA E3161D5B
	Transazioni di Servizio Intervento Operatore	Riconoscimento Operatore	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010
ITEmvNatlSchemeKernel.dll			01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
ITEmvNatlSchemeService.dll			01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7
ITEmvNatlSchemeUtilLibrary.dll			01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
Chiusura Contabile		HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeService.dll	01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
Caricamento Banconote		HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeService.dll	01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
Stampe Selettive		HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
		ITEmvNatlSchemeService.dll	01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7

	Stampa Quadri Informativi	ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65	
		HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273	
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F	
		ITEmvNatlSchemeService.dll	01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7	
Caricamento Chiavi e Parametri	Inizializzazione S.A. Chiave Master	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273	
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F	
		ITEmvNatlSchemeService.dll	01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7	
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65	
	Conferimento Parametri Gestione Microcircuito	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273	
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F	
		ITEmvNatlSchemeService.dll	01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7	
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65	
	Protocollo Applicativo delle Chiavi Pubbliche	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273	
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F	
		ITEmvNatlSchemeService.dll	01.00.00	01/07/09	B8EDFE38 037ACAF1 3C255F3C 6A1E6B66 657D20E7	
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65	
	Gestione Anomalie e Messaggi	Messaggi non Sollecitati	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
			ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F
			ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65
		Messaggi di Anomalia e di Evento Eccezionale	HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273
ITEmvNatlSchemeKernel.dll			01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F	
ITEmvNatlSchemeUtilLibrary.dll			01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65	
Messaggio di Interruzione A97		HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273	
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F	
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65	
Restart di Linea		HWNcrWrapperUtilLibrary.dll	01.00.00	19/02/2010	F86D77A8 EB14E4DC 18678EB4 7A86D516 62507273	
		ITEmvNatlSchemeKernel.dll	01.00.01	12/12/09	28E9BB43 C5C11064 3F1BE708 75FBA74B CD52A96F	
		ITEmvNatlSchemeUtilLibrary.dll	01.00.01	12/12/09	F8006398 6A1C2DAE AE3C6F24 F3E8A675 C93F8D65	

#### Retrocompatibilità dichiarate dal fornitore

per EPP	
per Lettore Carta	

#### Parametrizzazioni

Ambito	Denominazione (Nome File)	Descrizione
Personalizzazioni grafiche	idleloop.xml	Gestisce le variazioni relative alla grafica
Personalizzazioni per cliente	App_config.xml	Gestisce le variazioni per cliente relative agli indirizzi di comunicazione

