

## SCHEMA SOLUZIONE

<b>Terminale</b>	Produttore: Wincor Nixdorf S.p.A.	Modello: ProCash 2054
<b>Applicazione Software</b>	Produttore: Auriga S.p.A.	Release: Vassallo 01.00.01
<b>EPP</b>	Modello: V5	Firmware: 4.30
<b>Letto Carta</b>	Modello: Hitachi-Omron V2XF-11JL	Firmware: V2X_X0X.BIN
<b>Dispensatore Banconote</b>	Modello: CMD_V4 / AZM	Firmware: CMD_V4_0.BIN / AZM_NG_0.BIN
<b>Certificazioni EMV</b>	Level 1: 11622 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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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
		HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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 Chiavi e Parametri	Inizializzazione S.A. Chiave Master	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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	HWWNWrapperUtilLibrary.dll	01.00.00	19/02/2010	2730E9A3 60F47513 09F1230A 9ACED349 6A243404
		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**

<b>per EPP</b>	
<b>per Lettore Carta</b>	

**Parametrizzazioni**

<b>Ambito</b>	<b>Denominazione (Nome File)</b>	<b>Descrizione</b>
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