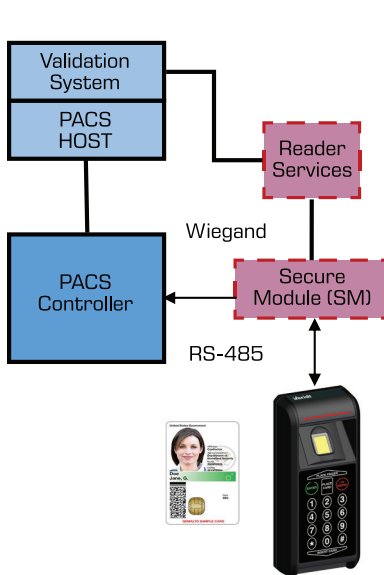


The first approved high assurance solution occurred in 2012 from Tyco Security Products, a solution combining Software House PACS, Codebench PIVCheck, Veridt readers. At that time, standards were evolving and the implementation of these PACS solutions were just emerging. Different approaches were developed and implemented over time. As one of the leaders in the field, Veridt has been intimately involved in creating these solutions, designated here as Type 1, 2 & 3

Veridt's cumulative experience and knowledge in device management means compatibility with every configuration and communications protocol: PACS connectors to support bi-directional communication (HID PAM & Veridt EWAC); any bridge, gateway, or edge device; OSDP (SIA v2.2, transparent mode, secure channel & file transfer); and other Veridt supported protocols (Classic, HARS, & others)

Type 1

The first solution developed was the so-called Type 1, which could be implemented with any existing PACS utilizing a "PACS" connector or secure module. Secure modules are utilized to create a bidirectional pathway from reader to validation service residing at the server where the authentication mode can be set, where certificate checking occurs, and confirmation of credentials authenticity and cardholder's identity is confirmed before sending "valid card" status to PACS using standard Wiegand formatted data.



- Veridt Readers are compatible with
- PIVCheck Software with PAM
 - PIVCheck Software with EWAC
 - Entrypoint Software with EWAC

These were the first FICAM approved solutions.

Type 1 FICAM approved solutions with Veridt Stealth Readers

PACS	Infrastructure	Validation	Secure Module
Monitor Dynamics	SAFEnet	T1 Entrypoint	EWAC
JCI	P2000	T1 Entrypoint	EWAC
Galaxy	System Galaxy	T1 Entrypoint	EWAC
Software House	C-Cure	HID pivClass	PAM
AMAG	Symmetry	T1 Entrypoint	EWAC
AMAG	Symmetry	HID pivClass	PAM

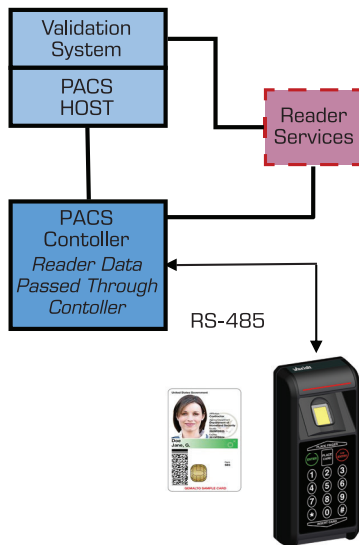
Stealth Reader

Identity & Credential Access Management

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Type 2

Type 2 is a PACS specific solution where ACM has the functionality to pass data from the reader directly to the server. Reader transmits serial data via RS-485 to ACM. No Wiegand formatted data is utilized in this case. No data is cached at the ACM.

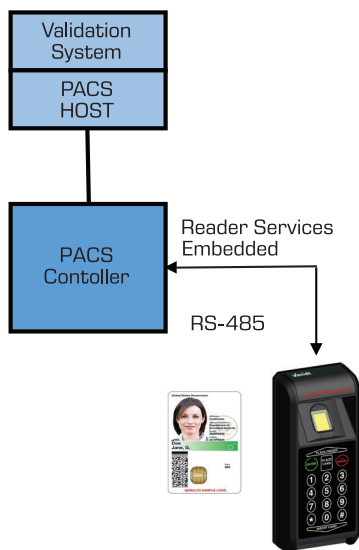


Type 2 FICAM approved solutions with Veridt Stealth Readers

PACS	Infrastructure	Validation
Monitor Dynamics	SAFEnet	T1 Entrypoint
JCI	P2000	T1 Entrypoint
Galaxy	System Galaxy	T1 Entrypoint
Identiv (Viscount)	Freedom	Freedom

Type 3

Type 3 is a PACS specific solution where the ACM contains the reader and validation service locally (at the ACM not the server) and can perform the services locally as well as cache certificates.



Type 3 FICAM approved solutions with Veridt Stealth Readers

PACS	Infrastructure	Validation
Lenel	OnGuard	HID pivClass
LenelJCI	OnGuard	T1 Entrypoint
Genetec	Synergis	HID pivClass
Software House	C-Cure	ID Server
Gallagher	Command Center	HID Validation
Gallagher	Command Center	Gallagher
Identiv	Velocity	Velocity