

OSINT Dossier: Alamo Industries

Password Strength Assessment — Pre-Engagement Intelligence

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Classification: NEXUS INTERNAL — CLIENT CONFIDENTIAL

Engagement Context

Client:	Alamo Industries
Industry:	Manufacturing (aerospace & defense components)
Location:	San Antonio, Texas
Employees:	~2,500
Environment:	Linux-based OT systems, mixed IT/OT environment
Hash Source:	Sample of 8 accounts from manufacturing systems

"Alamo was harder to research than Brazos — manufacturing people aren't as LinkedIn-active as finance folks. But I found some good stuff. Note that two of these aren't people — they're shared accounts used on the plant floor. I couldn't find OSINT on accounts, obviously, but I included what the IT manager told us about how they're managed. The passwords there are probably ancient."

— Carmen

Bobby Alamo III

Role:	Chief Executive Officer	Department:	Executive
Reports To:	Board of Directors	Tenure:	25 years (family ownership)
Age:	56		

Professional Profile

Bobby is the third-generation owner of Alamo Industries. His grandfather founded the company in 1952; his father grew it into a major defense contractor. Bobby took over as CEO in 2000 after his father's retirement. Mechanical Engineering degree from Texas Tech (1990). Deeply committed to San Antonio community and manufacturing workforce development.

Social Media Findings

- **LinkedIn:** Executive presence focused on manufacturing and defense industry. Texas Tech (1990). Board memberships: San Antonio Manufacturing Association, Port San Antonio Development Board.
- **Facebook:** Mix of business and personal. Posts about company milestones, veteran hiring initiatives, and Alamo family history. One post shows a framed photo: "Grandpa Earl at the original shop, 1952. 70 years later, we're still making things." Photos with wife "Carolyn" at charity galas.
- **Company Bio:** Extensive page on Alamo website about family history, founding story, and Bobby's vision for "American manufacturing excellence."

Password Indicators

- Family legacy: Alamo Industries (founded 1952 by grandfather Earl)
 - Alma mater: Texas Tech (1990), "Red Raiders"
 - Wife: Carolyn
 - Company milestones: 70 years (2022), founded 1952
 - Deep San Antonio ties
 - Traditional/patriotic values suggested by posts
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Elena Vasquez

Role:	IT Manager	Department:	Information Technology
Reports To:	CFO	Tenure:	10 years
Age:	44		

Professional Profile

Elena manages Alamo's IT infrastructure — both corporate systems and the increasingly connected OT environment. She was hired when the company's "IT department" was two people; she's built it to a team of 12. Degree in Computer Science from UTSA (2002). Primary liaison for the CMMC certification effort.

Social Media Findings

- **LinkedIn:** Active in local IT community. UTSA (2002). Mentions speaking at local ISACA chapter events. Posts about OT security challenges.
- **Facebook:** Limited public content. Profile shows she's from Laredo originally. One visible post suggesting she has a teenage daughter (quinceañera planning).
- **Conference Speaker:** Found presentation slides from 2023 Texas Manufacturing Summit: "Bridging IT and OT Security in Legacy Manufacturing Environments"

Password Indicators

- Alma mater: UTSA (2002), "Roadrunners"
 - Hometown: Laredo, Texas
 - Daughter: teenage (approximately 15 in recent years)
 - Professional: CMMC, OT security focus
 - Local professional involvement: ISACA
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Frank Morrison

Role:	Plant Manager	Department:	Manufacturing Operations
Reports To:	COO	Tenure:	32 years
Age:	61		

Professional Profile

Frank started at Alamo in 1993 as a CNC machinist and worked his way up to Plant Manager. He oversees all production operations across both manufacturing facilities. Known for resisting "unnecessary" technology changes and prioritizing machine uptime over everything else. No college degree; rose through vocational training and experience.

Social Media Findings

- **LinkedIn:** Minimal presence. Profile lists current role only. No photo.
- **Facebook:** Active in personal life. Posts about hunting trips, bass fishing at Canyon Lake, grandkids, and San Antonio Missions baseball. Marine Corps veteran (posts on Veterans Day, birthday ball photos).
- **No other social media.**

Password Indicators

- Military: USMC veteran (likely served ~1980-1984 based on age)
- Hobbies: hunting, fishing (Canyon Lake), baseball (SA Missions)
- Grandchildren: appears to have several
- Blue-collar background: machinist origins
- Technology-resistant: may have avoided password changes
- 32-year tenure: password could be very old

Tommy Hernandez

Role:	Senior CNC Operator	Department:	Manufacturing - Machine Shop
Reports To:	Shop Floor Supervisor	Tenure:	18 years
Age:	45		

Professional Profile

Tommy operates the largest CNC milling machines in Alamo's precision manufacturing facility. He's certified on 6 different machine types and trains new operators. Known as the "go-to guy" when a complex part needs programming. Associate's degree in Manufacturing Technology from Alamo Colleges (2005).

Social Media Findings

- **LinkedIn:** Basic profile. Lists CNC certifications (Mazak, Haas, DMG Mori).
- **Facebook:** Active. Family content (wife Maria, kids), BBQ competition posts (member of "Smoke Ring Mafia" team), Dallas Cowboys content, classic car hobby (restoring a '72 Chevelle SS).
- **Instagram:** Mostly BBQ and car content. @smokeringmafia_tommy

Password Indicators

- Machine brands: Mazak, Haas, DMG Mori
- BBQ team: "Smoke Ring Mafia"
- Sports: Dallas Cowboys
- Car project: 1972 Chevelle SS
- Wife: Maria
- Blue-collar, hands-on personality

Jennifer Okonkwo

Role:	Quality Assurance Engineer	Department:	Quality Control
Reports To:	QA Director	Tenure:	5 years
Age:	31		

Professional Profile

Jennifer ensures manufactured components meet aerospace and defense specifications. She manages the AS9100 quality management system and coordinates with defense contractor customers during audits. BS in Industrial Engineering from Texas A&M (2016). Recently completed Six Sigma Black Belt certification.

Social Media Findings

- **LinkedIn:** Active professional presence. Posts about quality management, Six Sigma, and women in manufacturing. Texas A&M (2016). Mentions volunteering with Society of Women Engineers.
- **Instagram:** Private account. Bio: "Quality nerd | Aggie '16 | Plant mom | She/her"
- **No Facebook found.**

Password Indicators

- Alma mater: Texas A&M; (2016), "Aggies"
 - Certification: Six Sigma Black Belt (SSBB)
 - Interests: plants ("plant mom"), engineering
 - Professional: AS9100, quality management
 - Likely security-conscious (engineering background)
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Marcus Webb

Role:	Maintenance Technician III	Department:	Facilities & Maintenance
Reports To:	Maintenance Supervisor	Tenure:	14 years
Age:	52		

Professional Profile

Marcus maintains the physical plant — HVAC, electrical systems, and general facility upkeep. He's also the safety coordinator for his shift, responsible for lockout/tagout procedures and emergency response. Navy veteran (electrician's mate, served 1990-1998). Various maintenance certifications.

Social Media Findings

- **LinkedIn:** No profile found.
- **Facebook:** Active but limited public posts. Navy veteran content, fishing trips (Corpus Christi), grandkids. One public post about his truck: "250K miles on the F-250 and still running strong. They don't make 'em like they used to."
- **No other social media.**

Password Indicators

- Military: Navy veteran, electrician's mate (EM), 1990-1998
 - Vehicle: Ford F-250 (proud owner)
 - Hobbies: fishing (Corpus Christi area)
 - Grandchildren: yes
 - Blue-collar, hands-on personality
 - Limited digital presence
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shift_supervisor (Shared Account)

Role: Shared account for shift supervisor functions

Department:	Manufacturing Operations
Access Level:	Production scheduling, machine overrides, time clock management
Created:	Unknown (estimated pre-2010)

Context

This isn't a person — it's a shared account used by whoever is supervising a shift. Elena Vasquez (IT Manager) told us this account has been active "forever" and the password is "common knowledge on the floor." She's tried to get it changed several times but Frank Morrison (Plant Manager) refuses because "it would disrupt production." Multiple people across all shifts know this password.

What We Know

- Used by 6-10 different supervisors across shifts
- Password is verbally shared with new supervisors
- Hasn't been changed in "years" (possibly a decade+)
- Common knowledge among floor supervisors
- Frank Morrison actively blocks attempts to change it

Password Indicators

- Must be easy to remember and share verbally
 - Used by multiple people across shifts
 - Old — predates modern complexity requirements
 - Likely simple enough that new supervisors can memorize quickly
 - Connected to production/operations somehow
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ot_backup (Service Account)

Role:	Service account for OT system backups
Department:	IT/OT
Access Level:	Read access to machine configurations, backup storage write access
Created:	2015

Context

Service account created in 2015 when Alamo implemented their current backup system for CNC machine configurations. Elena Vasquez created it. She mentioned the password was "randomly generated at the time" but admitted she doesn't remember if it was a true random string or something she made up. The account runs automated jobs — nobody logs in with it interactively.

What We Know

- Created by Elena Vasquez in 2015
- Used for automated backup processes
- Non-interactive (no human logins)
- "Random" generation — but quality unknown
- 9 years old, never rotated

Password Indicators

- Created by IT Manager (Elena)

- 2015 creation date
- Intended to be "random"
- Non-interactive use (no need to remember)
- Never been changed since creation

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