

CMMC LEVEL 2 | MANAGED VDI ENCLAVE

CMMC LEVEL 2 CERTIFICATION IN THREE MONTHS

How a global manufacturer used a FirstCall Federal managed VDI enclave on Microsoft GCC High to isolate its CUI environment and pass its CMMC Level 2 assessment.

3 Months

ENGAGEMENT TO CERTIFICATION

Level 2

CMMC CERTIFICATION ACHIEVED

GCC High

MANAGED VDI ENCLAVE

THE CLIENT A global manufacturing company serving consumer and industrial markets.

THE CHALLENGE

The client needed to prove that the environment where it handles Controlled Unclassified Information (CUI) met CMMC Level 2 requirements. Writing policies wasn't enough. To pass an independent C3PAO assessment, the client needed a clearly defined scope, safeguards that were actually implemented, evidence an assessor could verify, and an operating model it could sustain.

Bringing the entire company into scope would have expanded the effort and delayed readiness. Instead, FirstCall Federal proposed a dedicated VDI enclave on Microsoft GCC High that isolates CUI work in one controlled environment, so security and compliance requirements apply to a single, well-defined boundary.

THE FIRSTCALL FEDERAL APPROACH

FirstCall Federal delivered the entire engagement: advisory, technology, documentation, training, and assessment support. The client didn't have to coordinate multiple vendors or piece together a compliance program on its own. The work was organized around the assessment scope and clearly shared responsibilities.

- 1 DEFINE THE BOUNDARY.** Map the users, systems, data flows, external services, and connections that belong in scope, and lead the scoping discussions with the C3PAO.
- 2 BUILD THE ENCLAVE.** Recommend the right GCC High licensing, then configure a VDI environment for CUI work with security controls aligned to Level 2 requirements.
- 3 DOCUMENT HOW IT OPERATES.** Write the System Security Plan, policies, procedures, asset inventory, and responsibility matrix to match the environment as built.
- 4 PREPARE EVIDENCE AND PEOPLE.** Organize and test evidence, validate that controls work as documented, and train users and interviewees for the assessment.
- 5 SUPPORT THE ASSESSMENT.** Provide hands-on support throughout the C3PAO assessment, including responding to evidence requests and working directly with the assessment team.

THE THREE-MONTH JOURNEY

MONTH 1

- ◆ Finalize scope and data flows
- ◆ Select GCC High licensing
- ◆ Define roles and responsibilities
- ◆ Begin enclave deployment

MONTH 2

- ◆ Configure and validate security controls
- ◆ Write the SSP, policies, and procedures
- ◆ Collect and test evidence

MONTH 3

- ◆ Close remaining gaps
- ◆ Train users and prepare interviewees
- ◆ Complete the C3PAO assessment

THE RESULT

Three months after kickoff, the client passed its CMMC Level 2 assessment. The GCC High VDI enclave gave the client a secure, contained environment for CUI, and FirstCall Federal supplied the supporting documentation, evidence, and trained users. The client also came away with an operating model built to keep it compliant well after assessment day.

The outcome shows what's possible when scope, technology, documentation, and training are delivered as one coordinated program rather than separate projects.

“

For years we relied on a self-assessment and thought we were secure. When we decided to get ahead of CMMC and pursue C3PAO certification, we quickly discovered we weren't set up correctly and didn't have the internal experience to build a Level 2 environment. FirstCall Federal set up our environment, created our policies, and walked us through the entire process, with a handoff so we can sustain certification going forward. Their support was amazing, and we achieved certification in a short window with a passing score.

GRC MANAGER | GLOBAL MANUFACTURING COMPANY

WHY A MANAGED ENCLAVE

Organizations that need to protect CUI don't have to apply CMMC requirements across the whole enterprise. A managed enclave confines the assessment to a single, well-defined boundary, which reduces cost, effort, and risk. Success still depends on accurate scoping, documented data flows, clearly assigned responsibilities, compliant services, and disciplined use by authorized users. The enclave doesn't eliminate a client's compliance obligations, but it makes them far easier to define, implement, and maintain.

READY TO MOVE FROM CMMC PRESSURE TO PROGRESS?

Talk with FirstCall Federal about your CMMC requirements, current environment, and timeline. We'll help you determine whether a managed enclave is the right fit and what it will take to prepare for assessment.

**BOOK A CMMC
CONSULTATION**
firstcallfederal.com