

MVP (Mansion Validation Program) – Documentation

N4S — Luxury Residential Advisory Platform

1. Overview

What is MVP?

The Master Validation Program (MVP) is your adjacency validation tool. It ensures the spatial relationships in your home design protect what matters most: family privacy, acoustic comfort, and seamless operations. MVP uses your lifestyle inputs from KYC and space requirements from FYI to validate your custom mansion program before expensive design decisions are made.

Think of MVP as a pre-flight checklist for your home. Just as pilots verify critical systems before takeoff, MVP verifies that your room relationships won't create conflicts that are costly to fix later—like discovering your guest suite shares a wall with your home theater, or that delivery drivers will walk through your formal dining room.

Primary Outcomes

Validated Adjacency Matrix

A verified map of room relationships that protects family privacy and operational flow

Red Flag Detection

Early identification of critical conflicts before they become expensive redesigns

Bridge Recommendations

Suggested transition spaces that solve common circulation and acoustic challenges

Module Scores

Quantified performance metrics showing how well each area of your home functions

What's Included

8 Validation Modules

Each contributes to the overall validation score, covering all mansion program areas

10 Layout Questions

Personalization decisions that shape your unique adjacency requirements

5 Critical Red Flags

Must-resolve violations that would compromise your home's function

5 Operational Bridges

Recommended transition spaces for circulation optimization

Tiered Benchmarks

MVP automatically detects your project tier based on target square footage and applies the appropriate benchmark relationships. Larger homes require more sophisticated adjacency logic to maintain privacy and operational efficiency at scale.

5K

< 7,500 SF

10K

7,500 - 12,500 SF

15K

12,500 - 17,500 SF

20K

17,500+ SF

2. Workflow

MVP Validation Workflow

Complete these steps to validate your mansion program. The goal is to lock your adjacency logic early—before schematic design—so you can refine dimensions, detailing, and materiality without re-breaking the spatial relationships that protect privacy and operations.

Before You Begin

MVP requires inputs from earlier modules. Confirm these are complete:

KYC Operating model, privacy posture, staffing level, entertaining frequency

FYI Space program with zones, S/M/L sizing selections, lifestyle requirements

STEP 1

Review Your Program

Start by confirming your imported program is correct:

- View **Program Summary** to see all imported spaces
- Confirm your tier detection matches your target SF
- Browse the **Module Library** to understand what each validation module covers

ⓘ If spaces are missing or incorrect, return to the FYI module to make changes.

STEP 2

Answer Layout Questions

The heart of MVP: 10 personalization decisions that shape your adjacency requirements.

- Each question addresses a specific lifestyle trade-off
- Your answers determine which rooms should be adjacent, near, buffered, or separated
- Some choices enable **operational bridges** (transition spaces)
- Selections save automatically—you can return and change them anytime

Example: "How should your kitchen relate to family activities?"

Choosing "Open Connection" creates an Adjacent relationship between Kitchen and Great Room. Choosing "Formal Separation" adds a Butler Pantry bridge and creates a Buffered relationship.

STEP 3

Review Adjacency Matrix

Compare your personalized adjacencies against the benchmark:

- Toggle between **Desired** (benchmark) and **Achieved** (your selections)
- Deviations are highlighted—these aren't necessarily wrong, just different from typical
- Understand the relationship types: A (Adjacent), N (Near), B (Buffered), S (Separated)

STEP 4

Run Validation

Execute the validation engine to check your program against the N4S ruleset:

✖ Red Flags

Critical violations that must be resolved (target: 0)

⚠ Bridges

Recommended transition spaces (target: all required bridges enabled)

ⓘ Module Scores

Each module contributes to the overall validation score (target: 80+ overall)

STEP 5

Iterate or Proceed

Based on validation results:

If red flags triggered: Edit decisions to resolve the specific conflicts

If bridges missing: Review which layout questions enable them

If overall score below 80: Check which modules are underperforming and which adjacencies are causing deviations

If all gates pass: Proceed to Concept Plan with confidence

PDF Report Export

MVP includes a comprehensive PDF report generator that exports the full validation results including adjacency matrix, red flag report, bridge recommendations, and module scores. Access the export via the report button in the module header.

Where MVP Fits in Your Project

Stage A

Profile Complete

KYC data validated — operating model, privacy posture, staffing, and entertaining inputs confirmed

Stage B

Space Program

FYI allocations confirmed — zones assigned, S/M/L sizing selected, tier detection verified

Stage C

Module Validation

8 validation modules scored — adjacency choices evaluated against tier benchmarks

Stage D

Adjacency Lock

Adjacency decisions finalized — red flags resolved, bridges enabled, matrix confirmed

Stage E

Brief Ready

The final validation gate. Once adjacency decisions are locked and the overall score meets the threshold, the system generates a validated brief package that can be exported as a PDF for design team handoff.

3. Gates & Validation

Master Adjacency Gate

The MVP validation gate is a pre-design decision gate. Your program passes if it contains zero critical red flags, has all required bridges enabled, and achieves an overall validation score of 80 or above. Passing this gate means your adjacency logic is sound and you can proceed to adjacency review with confidence.

- ✖ Zero red flags triggered
- ⚠ All required bridges enabled
- ✓ Overall validation score ≥ 80

Critical Red Flags (Must Resolve)

These five violations represent fundamental failures in mansion programming. Each would compromise your family's privacy, acoustic comfort, or operational efficiency in ways that are costly and disruptive to fix once construction begins.

1 Guest → Primary Suite Collision

What it checks: Guest circulation shouldn't pass through or be directly adjacent to your primary suite.

Why it matters: Your primary suite is your retreat. Guests—even family—shouldn't see into your bedroom, hear your conversations, or feel your presence when you're trying to rest. This is about fundamental privacy.

How to resolve: Ensure guest zones have a Buffered (B) or Separated (S) relationship with your primary suite. Never Adjacent (A) or Near (N).

2 Delivery → Front of House

What it checks: Service and delivery routes shouldn't pass through formal entertaining spaces.

Why it matters: Package deliveries, grocery runs, and staff movement shouldn't interrupt your dinner party or family breakfast. Operations should be invisible to guests.

How to resolve: Create a service spine with Separated (S) relationship from foyer, great room, and formal dining. Consider adding an Ops Core bridge.

3 Media → Bedroom Acoustic Bleed

What it checks: Media rooms shouldn't share walls with sleeping areas.

Why it matters: Late-night movies, sports games, or music shouldn't disturb family members who've gone to bed. Acoustic isolation enables 24/7 use without household conflict.

How to resolve: Add a Sound Lock bridge between media and bedroom zones, or ensure a Separated (S) relationship with Zone 0 (sleeping areas).

4 Kitchen Exposed at Entry

What it checks: Kitchen shouldn't be the first thing visible from the foyer.

Why it matters: A working kitchen—with dishes in the sink, prep underway, or last night's takeout containers—shouldn't greet your guests. First impressions matter, especially in a luxury residence.

How to resolve: Create a Buffered (B) relationship between kitchen and foyer, typically via a butler pantry or strategic sightline blocking.

5 Guest Route Through Kitchen

What it checks: Guest circulation to dining or terrace shouldn't cross through the kitchen work zone.

Why it matters: Catering staff prepping appetizers, your spouse cooking dinner, or your housekeeper unloading groceries shouldn't conflict with guests moving between entertaining spaces.

How to resolve: Create alternate guest routes via the great room or butler pantry. Ensure kitchen has a Separated (S) relationship from guest circulation paths.

Operational Bridges (Recommended)

Bridges are specialized transition spaces that solve common conflicts between zones. They're enabled by your Layout Question answers—certain lifestyle choices trigger the need for these spaces.

▼ Butler Pantry

Triggered by: Formal entertaining OR staffed service OR catering support

+120 SF

A service corridor between kitchen and formal dining that allows staff to plate, garnish, and serve without crossing guest sightlines. Think of it as backstage for your dinner parties.

Enables: Hidden plating, dirty dish staging, wine service prep, catering coordination—all invisible to guests.

▼ Guest Autonomy Node

Triggered by: Extended family visits OR multi-generational living OR vacation home typology

+150 SF

A self-contained guest zone with independent entry, kitchenette access, and living area for extended stays. Guests can come and go, make coffee, and live independently without crossing through your private spaces.

Enables: Week-long visits without friction, in-law accommodations, rental potential, staff quarters flexibility.

▼ Sound Lock Vestibule

Triggered by: Late-night media use OR home theater OR music room OR recording studio

+60 SF

A double-door acoustic buffer between high-noise spaces (media room, theater) and quiet zones (bedrooms). Creates an airlock that prevents sound transmission even with doors opening.

Enables: 2 AM movie marathons, Sunday football at full volume, band practice—without disturbing those sleeping.

▼ Wet-Feet Intercept

Triggered by: Pool/spa program OR pool entertainment enabled

+80 SF

A transition zone with drainage, towel storage, and outdoor shower between pool area and main house. Prevents wet feet, chlorine drips, and sand from tracking through your home.

Enables: Seamless indoor-outdoor flow, pool party hosting, spa access without damaging interior finishes.

▼ Ops Core

Triggered by: Full-time staff OR heavy package volume OR enhanced security

+150 SF

A dedicated hub for staff operations including secure package receipt, delivery staging, housekeeping coordination, and staff break area. Centralizes the "invisible" operations that keep a mansion running.

Enables: Package deliveries without interruption, staff coordination, vendor access control, housekeeping efficiency.

Module Score Thresholds

MVP calculates an overall validation score. A score of 80 or above indicates the program passes validation and is ready for adjacency review. Each module evaluates a specific functional area of your home and contributes to the overall validation score.



Kitchen Rules Engine

Cooking flow, prep zones, service circulation, sightline management



Entertaining Spine

Guest arrival sequence, formal circulation, dining-to-living flow



Primary Suite Ecosystem

Privacy protection, bath-closet relationships, retreat quality



Guest Wing Logic

Independence, acoustic separation, autonomous access



Media & Acoustic Control

Sound isolation, zone separation, 24/7 usability



Service Spine

Delivery routes, back-of-house circulation, MEP access



Wellness Program

Pool-spa relationships, gym access, indoor-outdoor transitions



Staff Layer

Operations hub, staff quarters, service support functions

4. Reference

Reference Guide

Technical definitions, zone classifications, and prerequisites for the MVP validation system.

Adjacency Relationship Types

Four relationship types define how spaces connect. Understanding these is key to interpreting your adjacency matrix and validation results.

A

Adjacent

Direct connection with shared doorway or open flow. Rooms are immediately accessible.

Use for: Primary suite to bath, kitchen to breakfast nook, closet to dressing area

Avoid for: Service to formal spaces, bedrooms to media, guest to primary

N

Near

Close proximity with short walk. May share sightlines but not direct access.

Use for: Dining to kitchen (with buffer), gym to pool, home office to library

Avoid for: Guest to primary suite, garage to foyer, media to bedrooms

B

Buffered

Intentional separation with transition space. Enables bridges and acoustic control.

Use for: Kitchen to formal dining (butler pantry), media to bedrooms (sound lock), pool to house (wet-feet intercept)

Avoid for: Spaces requiring immediate access like primary suite to bath

S

Separated

Different zone with no direct connection. Maximum privacy and acoustic isolation.

Use for: Service to formal areas, guest to primary suite, garage to living spaces

Avoid for: Spaces requiring convenient access like kitchen to dining

Acoustic Zones

Spaces are classified by noise level. Red flags trigger when incompatible zones share walls or have adjacent relationships.

Zone 0

Quiet Sleeping

Primary suite, guest bedrooms, nursery

No shared walls with Zone 3. Sound lock required if adjacent to media.

Zone 1

Conversation Level

Living room, dining room, library, home office

Normal residential construction. Buffered from Zone 0 and 3.

Zone 2

Active Moderate

Kitchen, family room, gym, kids playroom

Working noise acceptable. Separated from Zone 0.

Zone 3

High Noise

Media room, home theater, pool equipment, music room

Enhanced acoustic construction. Must be Separated (S) from Zone 0.

Space Codes Reference

▼ View All Space Codes

ARRIVAL & CIRCULATION

FOY Foyer

GAL Gallery

MUD Mudroom

LIVING & ENTERTAINING

GR Great Room

LR Living Room

FR Family Room

DR Dining Room

WINE Wine Room

BAR Bar

KITCHEN & SERVICE

KIT Kitchen

CHEF Chef's Kitchen

BKF Breakfast Nook

SCUL Scullery

BUTLER Butler Pantry

PRIMARY SUITE

PRI Primary Bedroom

PRIBATH Primary Bath

PRICL Primary Closet

PRILOUNGE Primary Lounge

GUEST & SECONDARY

GUEST1-3 Guest Suites

JRPRI Junior Primary

KIDS Kids Room

BUNK Bunk Room

MEDIA & RECREATION

MEDIA Media Room

THR Theater

GAME Game Room

SNDLCK Sound Lock

WELLNESS

GYM Gym

SPA Spa

POOL Pool

WETFT Wet-Feet Intercept

SERVICE & OPERATIONS

GAR Garage

LND Laundry

MEP Mechanical

STF Staff

OPSCORE Ops Core

Prerequisites Checklist

Before starting MVP validation, confirm these items are complete:

KYC Module Complete



Operating model defined, privacy posture selected, staffing level set, entertaining frequency captured

FYI Module Complete



Space program finalized, zones assigned, S/M/L sizing selected for each space

Tier Detection Verified



System shows correct benchmark tier (5K/10K/15K/20K) matching your target SF

Target SF Confirmed



Program total aligns with your project scope and budget

Glossary

▼ View Definitions

Adjacency Matrix

A table showing the required relationship (A/N/B/S) between every pair of spaces in your program.

Benchmark

The recommended adjacency configuration for a home of your tier, based on typical luxury residence best practices.

Bridge

A specialized transition space that enables buffered relationships between zones while maintaining functionality.

Deviation

Any place where your selected relationship differs from the benchmark. Deviations aren't necessarily wrong—they reflect your personalization.

Gate

A validation checkpoint that must be passed before proceeding to the next project phase.

Module

A functional grouping of related spaces evaluated together (e.g., Kitchen Rules Engine covers KIT, CHEF, SCUL, BKF, DR).

Red Flag

A critical violation that represents a fundamental failure in mansion programming and must be resolved.

Tier

Your project's size category (5K, 10K, 15K, 20K) which determines which benchmark relationships apply.