

Bimgraphix

COMPANY PROFILE

Precision for Billion-Dollar Programs.

The engineering partner that finds where your programs lose margin, then wins it back in the model, before anyone builds, fabricates or tools up.

BIM & VDC · Steel & Metal Detailing · Shop Drawings · Design Visualization · Construction Documents · Product Engineering

EXECUTIVE SUMMARY

Bimgraphix at a Glance

WHAT WE DO

We find where complex programs lose margin, then remove the causes in the model, before anyone builds.

WHO WE SERVE

U.S. general contractors, steel fabricators, MEP and structural engineers, architects, developers and precision manufacturers, including billion-dollar firms.

HOW TO START

A two-minute Margin Review. A senior engineer's confidential report, in dollars, within one business day.

THE PROOF

1,500+	150,000+	350+	80%
Projects supported	Tons of steel detailed	Engineers on your programs	Of clients return

ONE STANDARD

48 services across 6 disciplines and 6 industries, delivered in your software and to your standards: Revit, Tekla, SDS2, SolidWorks and your templates.

YOUR HOURS

U.S. office in Miami, Florida. Production centers overlap 75% of your working day, so questions are answered live and work moves overnight.

THE PROBLEM WE SOLVE

Margin Is Lost on Paper, Long Before Anyone Builds.

ON A $1B PROGRAM

$20M

lost every year to a 2% leak in site rework and change orders. Recovering even half is worth **$10M, every year.**

Coordination gaps

Conflicts surface on site instead of in the model.

RFIs, rework, change orders

Incomplete detailing

Drawings reach the shop with open questions.

Stalled fabrication, remakes

Late design changes

Decisions not carried through every discipline.

Schedules slip

Tolerance failures

Parts miss specification on the first run.

Scrap, retooling, lost confidence

BEFORE ANYTHING IS BUILT

Where Programs Are Won or Lost

The same error costs 10× more in the shop and 100× more on site. What decides the outcome is who finds it first.

WE FIND IT HERE

1×

Fixed in the model

A line moved on screen. No material wasted.

ACCURACY

10×

Fixed in the shop

Parts recut, drawings reissued, slots lost.

SCHEDULE

100×

Fixed on site or the line

Rework, idle crews, change orders and lost margin.

MARGIN

Illustrative: a 2% leak on a $1B program; your own figure comes from a Margin Review. Cost multiples: the 1–10–100 rule of cost of quality.

OUTCOMES, BY CLIENT

Six Clients. One Standard. A Number for Each.

Every client loses margin in a different place. We name it, price it and close it in the model.

ARCHITECTS	**Mistakes made on paper stay there.** Drawing errors that turn into RFIs and redesign hours.	Quantify your RFI risk →
GENERAL CONTRACTORS	**Precision for billion-dollar programs.** Clashes found on site, RFIs, change orders.	Quantify your program risk →
PRECISION MANUFACTURERS	**Production-ready from the first run.** Tolerance failures, scrap, late engineering changes.	Quantify your first-run risk →
MEP & STRUCTURAL ENGINEERS	**Coordination resolved in the model.** Disciplines that collide, gaps found late.	Quantify your clash risk →
ARCHITECTS & DEVELOPERS	**Design intent preserved to delivery.** Late changes and change orders after approval.	Quantify your change-order risk →
STEEL FABRICATORS	**Steel detailed right the first time.** Detailing errors, misfit connections, field fixes.	Quantify your field-fix risk →

NOT SURE WHERE YOUR LEAK IS?

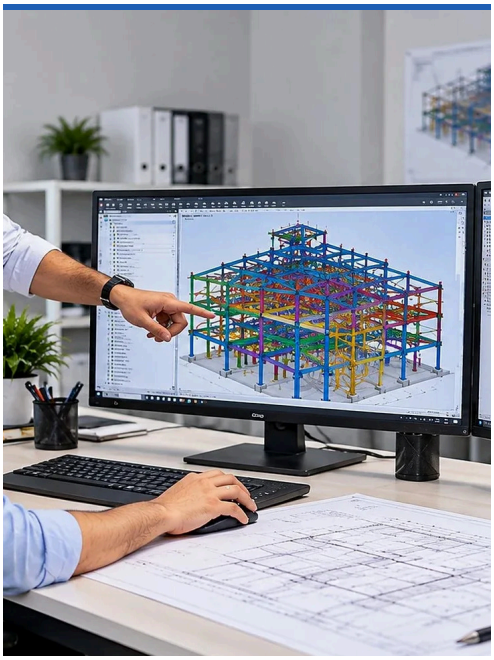
A Margin Review prices it in dollars, within one business day.

Start Your Margin Review →

WHO WE ARE

A Partner That Protects Your Margin

For more than two decades, Bimgraphix Infotech has worked inside U.S. programs run by billion-dollar contractors, fabricators and manufacturers, as an extension of their own engineering teams.



> **Lost margin is rarely bad luck. It is built into drawings and models long before anyone reaches the field.**

One integrated team	An extension of yours, in your software and to your standards.
Your hours	U.S. office in Miami; production centers overlap 75% of your working day.
Capacity that scales	350+ engineers, flexing up or down with your program.

HOW MARGIN IS KEPT · MINUTES ON SCREEN, NOT WEEKS ON SITE

01
Found in the model
A pipe runs through a supply duct. It is caught in coordination.

02
Fixed before fabrication
Rerouted, and every discipline's drawings updated.

03
Nothing torn out on site
No rework, no delay, no change order.

THE RECORD BEHIND THE STANDARD

Two Decades of Programs Delivered Right the First Time

1,500+
Projects supported

150,000+
Tons of steel detailed

350+
Engineers on your programs

20+
Years inside U.S. programs

80%
Of clients return

15+
Year client partnerships

48
Services in 6 disciplines

6
Industries, one standard

WHY CLIENTS STAY

80% of our clients come back.

Not because of a contract, but because the savings keep showing up on every program.

One integrated team
An extension of yours, scaling with your program.

Clear communication
Every risk and decision visible as it happens.

Savings that repeat
What works becomes the standard for your next program.

EXPERTISE · 48 SERVICES IN 6 DISCIPLINES

One Standard, Every Discipline

BIM & VDC

11 services

Clashes solved in the model, not on site.

Discipline BIM · MEP coordination · Clash detection · Scan to BIM · Quantity take-off · Revit families

Steel & Metal Detailing

10 services

Fabrication-ready steel, erected on time.

Structural & miscellaneous steel · Connection design · MTO · Stairs, platforms, railings · Architectural metalwork

Shop Drawings

10 services

Approved first submittal, installed once.

MEP & fire protection · Spool drawings · Facade & ACP · Millwork · Sheet metal · Concrete lift

Design Visualization

7 services

Board approval and pre-leasing won early.

Architectural · Aerial · Interior · Photomontage · 3D floor plans · Conceptual · Product renderings

Construction Documents

4 services

Permit-ready sets, fewer RFIs downstream.

Architectural & structural sets · Interior working drawings · Custom homes

Product Engineering

6 services

Production-ready parts, faster to market.

Product & prototype CAD · Mechanical 3D · Surface modeling · 2D to 3D · Reverse engineering

Delivered to IBC, AISC, NFPA, SMACNA and NEC, in Revit, Tekla, SDS2, SolidWorks and your templates.

INDUSTRIES

From Buildings to Aircraft to Ships

One discipline in every industry: resolved in the model before the field or shop floor.



Construction

Every clash solved before crews mobilize



Architecture

Design intent kept intact, model to site



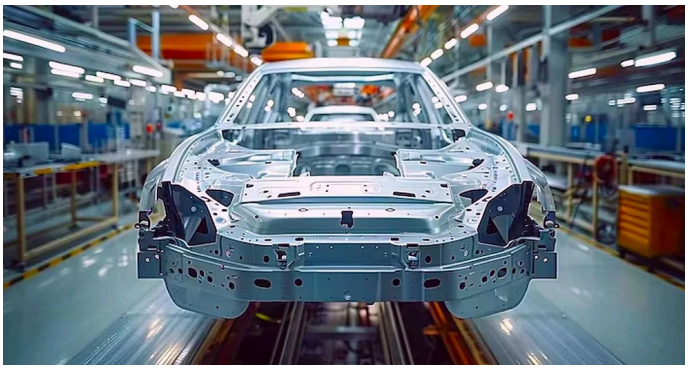
Engineering

Every discipline coordinated before site



Aerospace

Inspection-ready CAD, every GD&T checked



Automotive

Faster tooling release, earlier launches



Marine

Marine equipment that installs first time

HOW WE WORK

A Process Built for Predictability

Five steps close the 2% leak before it reaches site. Each one ends in dollars saved, not hours worked.

01 UNCOVER
Find the Leak
A senior engineer prices your margin leak within one business day.
Board-ready report.

02 PLAN
Lock the Scope
Scope, dates and a named lead, fixed in writing under NDA.
Fixed price and dates.

03 DELIVER
Model and Detail
Every clash resolved in your CAD or BIM platform and standards.
Rework designed out.

04 CHECK
Senior Review
Senior-checked before release, with a record for your audit trail.
First-pass approval.

05 PROVE
Measure the Gain
RFIs, rework and schedule measured against your baseline.
Savings you can report.

WAYS TO WORK TOGETHER

Start Small. Prove It. Then Scale.

01 · NO OBLIGATION
Margin Review
Your leakage in dollars and a prioritized recovery plan, reviewed by a senior engineer.

02 · PROVE IT
Pilot Program
One discipline on one live program, measured against your Margin Review baseline.

03 · SCALE
Dedicated Team
A named lead and a team embedded in your workflow, flexing with your pipeline.

SELECTED PROGRAMS

Featured Work

Programs we have supported across construction, fabrication and manufacturing.



HEALTHCARE · HOUSTON, TX

Evergreen Regional Medical Center

All MEP systems coordinated in one model, so installation follows the plan and dates hold.

Scale 320,000 SF

Client National healthcare developer



AVIATION · DALLAS, TX

Trinity Field Aviation Terminal

Connections matched across all 6,800 tons of steel, so the terminal stayed on schedule.

Scale 6,800 tons of structural steel

Client Tier-1 aviation construction contractor



HEALTHCARE · PHOENIX, AZ

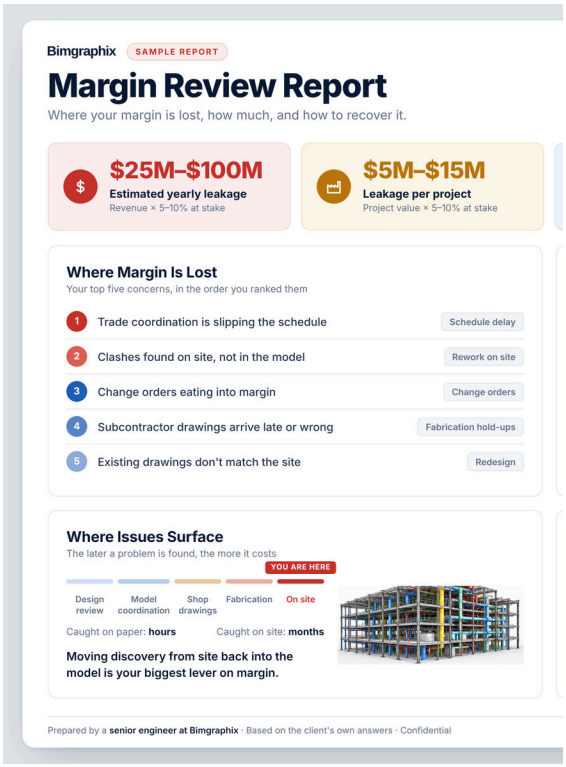
Westbridge Medical Center

Sprinkler submittals approved first time, so fire protection never held up close-in.

Scale 280,000 SF

Client National healthcare infrastructure developer

More programs at bimgraphix.com/projects, filtered by discipline, service and sector.



THE MARGIN REVIEW

Your Margin Leak Has a Number

Your leakage in dollars

Per year and per project, from your own ranges.

Where it is lost

Top concerns ranked by impact.

How to recover it

Prioritized actions, whether or not you work with us.

Request Your Margin Review →

Two minutes · Senior engineer review · Report in one business day · Confidential, no obligation

BUILT INTO EVERY ENGAGEMENT

The Controls Large Programs Expect

AES-256	TLS 1.3	MFA + RBAC	NDA-first
Encryption at rest	Encryption in transit	Zero-trust access	Before any file is shared

One accountable lead

A named lead owns your program from first review to handover.

Your software, your standards

Output drops straight into your workflow.

Capacity that scales

350+ engineers, 75% overlap with your working day.

Procurement-ready

Your security questionnaire completed; policies shared under NDA.

Controls built on the ISO/IEC 27001 framework, SOC 2 trust principles and GDPR. Documentation: security@bimgraphix.com



Bimgraphix

START WITH YOUR NUMBERS

Quantify Your Program Risk.

Request a Margin Review. Two minutes, reviewed by a senior engineer, with a confidential report in one business day.

Request a Margin Review →

EMAIL
info@bimgraphix.com

PHONE
+1 (786) 706-8046

U.S. OFFICE
Miami, Florida

WEB
bimgraphix.com