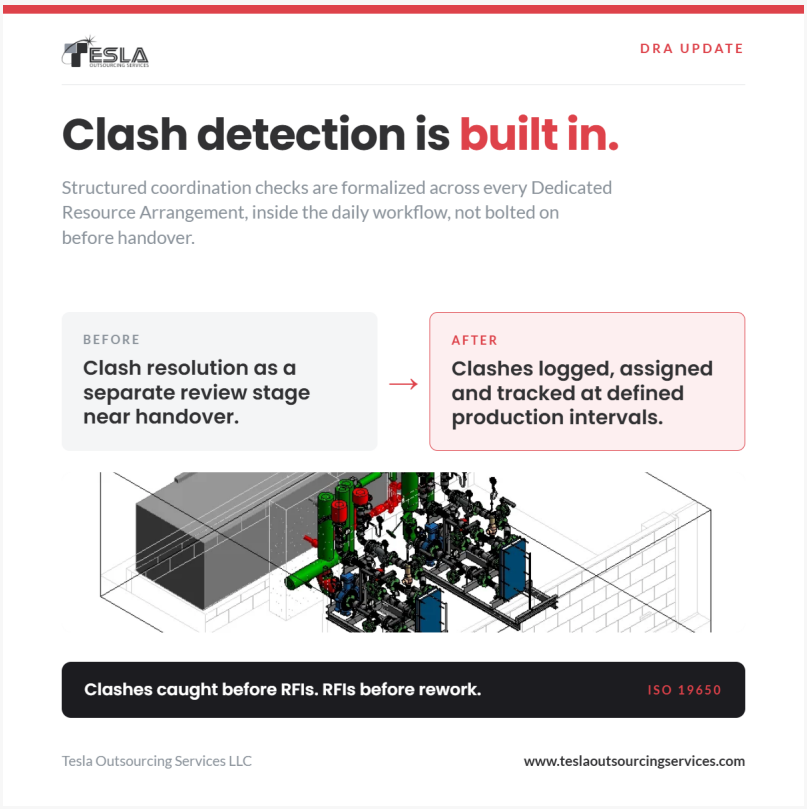
Tesla Outsourcing Services LLC's Dedicated Resource Arrangements Streamlines Clash Detection Protocols

Built-in clash detection gives dedicated BIM teams the coordination discipline needed for smoother, error-free project delivery.



Clash Detection is Built In

WY, UNITED STATES, September 8, 2026 /EINPresswire.com/ -- Tesla Outsourcing Services LLC, a specialist BIM and CAD partner for architecture and engineering firms worldwide, has formalized a structured clash detection protocol across its Direct Resource Arrangement (DRA) offering.

The update brings coordination checks seamlessly into the day-to-day workflow of dedicated remote teams, helping identify and address potential clashes early, rather than leaving clash resolution as a separate review stage closer to project handover.

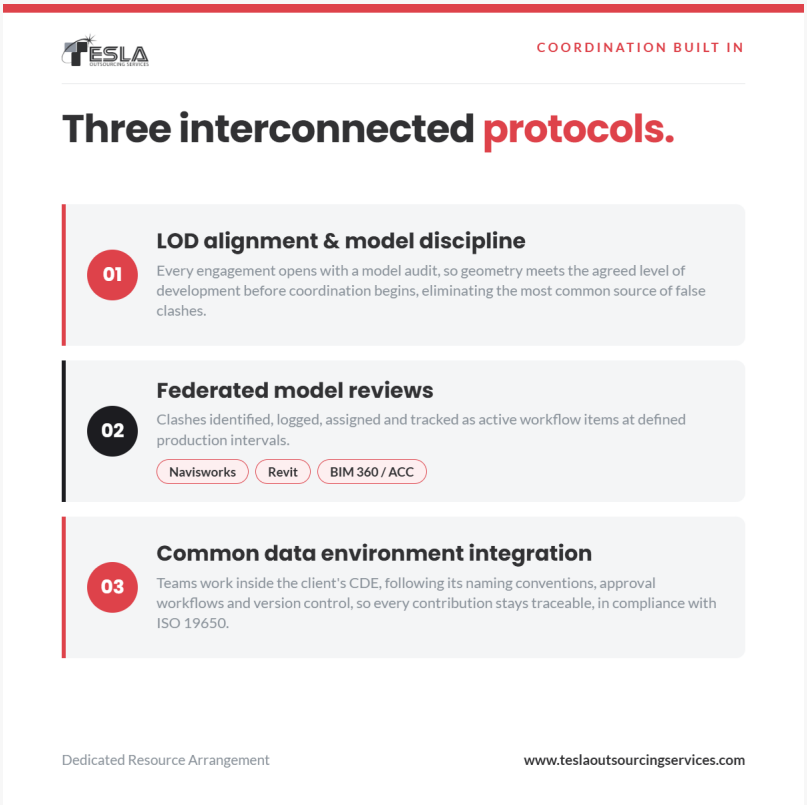
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AEC firms across the US, UK and Australia have shifted decisively toward model-centric, coordination-first project delivery. What they need from outsourced BIM teams has changed with it.

Clients no longer need modelers who hand over geometry and wait for feedback. They need professionals who operate with the same coordination discipline, the same quality checkpoints and the same accountability as an in-house team. They need teams that catch clashes before they become RFIs, and RFIs before they become rework.

The gap between what most outsourced BIM operations deliver and what progressive AEC firms

actually require has been widening. Tesla Outsourcing Services is closing it.



Three Interconnected Protocol

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The Dedicated Resource Arrangement (DRA) provides AEC firms with long-term remote BIM professionals who function as a genuine extension of the client's team - assigned exclusively to a single client engagement, working within the client's project environment, following the client's BIM Execution Plan, and communicating directly with the client's internal leads. Available across architectural BIM, structural modeling, MEP coordination, Scan to BIM and construction documentation, DRA teams scale to match project demand without the overhead of permanent hiring.

The formalization of clash detection protocols adds a structured quality layer built into that arrangement from the start - not as a separate QA event at the end of a workflow, but as an integral part of how every DRA team delivers. You can learn more about the Dedicated Resource Arrangement by visiting our official DRA page here.

> “We started with a clear purpose. To build a practice where quality was a baseline. Refining our model is a commitment to the kind of reliability that our clients have come to expect from us.”
>
> *Ketan Poojara, Founder & CEO, Tesla Outsourcing Services LLC*

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DRA teams operate with defined protocols across three interconnected areas:

□ LOD Alignment and Model Discipline Standards. Every engagement begins with a model audit and LOD alignment exercise, ensuring incoming geometry meets the agreed level of development before coordination proceeds, eliminating the most common source of false clashes.

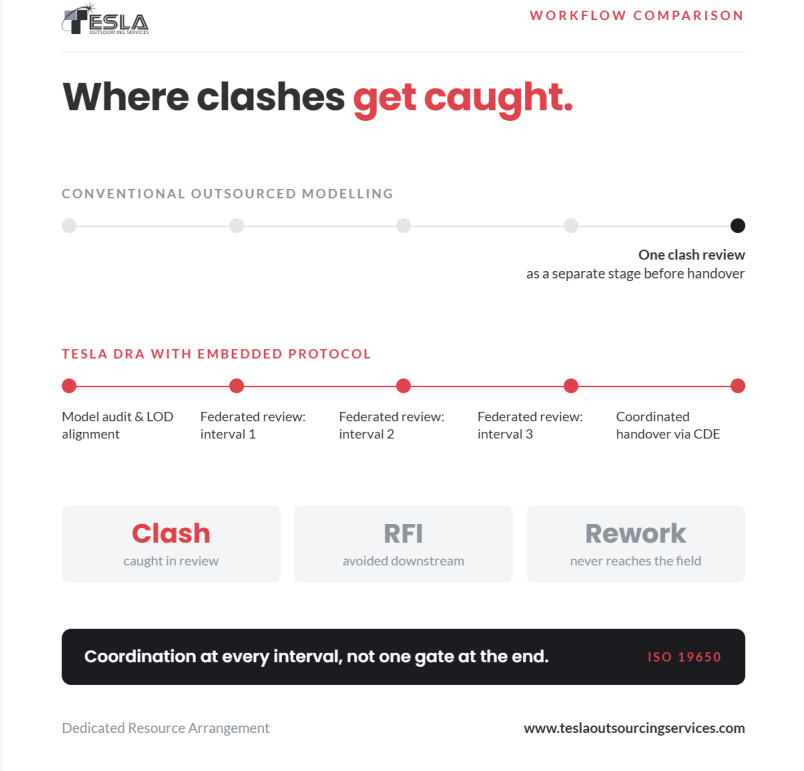
□ Federated Model Reviews at Defined Workflow Stages. Using Autodesk Navisworks, Revit and BIM 360 / Autodesk Construction Cloud, clashes are identified, logged, assigned and tracked as

active workflow items at defined production intervals.

 Common Data Environment Integration. DRA teams operate within the client's designated CDE, following naming conventions, approval workflows and version control protocols, ensuring every model contribution is traceable and consistent with the project's wider information environment, in [compliance with ISO 19650](#).

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The DRA is aimed at firms scaling model-based delivery without increasing headcount, architects managing multi-discipline coordination across several projects, MEP engineering teams under pressure to keep pace with fast-moving revisions, and contractors who need coordination confidence before a model reaches the field. For all three, the appeal of DRA has always been capacity without the overhead of hiring. The embedded clash-detection protocol extends that same logic to quality assurance.



Where Clashes Get Caught



The Proof Behind the Protocol

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Tesla Outsourcing Services completed its 19th year of continuous operations in 2026, simultaneously delivering its 10,000th project across more than 25 countries. That foundation, spanning architectural CAD, BIM modeling, MEP coordination, Scan to BIM and 3D visualization, is what makes this formalisation substantive. The QA structures and workflow standards that underpin the DRA clash detection model have been tested across thousands of real project environments. "The

AEC industry is evolving rapidly, and so are the demands placed on firms to deliver more coordinated, data-rich documentation in shorter timescales. We have built our practice to absorb those demands on behalf of our clients. Formalizing clash detection protocols within our DRA model is the natural next step. It reflects the operational maturity we have developed over nineteen years and ensures that every dedicated team we deploy is a genuine coordination asset, not just a modeling resource", adds Bhagwati Iyer Pathak, Chief Operating Officer, Tesla Outsourcing Services LLC.

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Tesla Outsourcing Services LLC is a specialist BIM, CAD and engineering partner for AEC firms across the globe. Operating with registered entities in the United States, the United Kingdom and Australia, supported by a production team in Ahmedabad, India, the firm has delivered 10,000+ projects across architectural CAD, BIM modelling, MEP coordination, Scan to BIM, 3D visualization and construction documentation. It serves 600+ clients across 25+ countries and manages an estimated 500+ project deliveries annually, under strict NDA and multi-tier QA/QC protocols in compliance with ISO 19650.

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