

MLC Digital Solutions

Powered by Proactive Communication and Proven Expertise



Mirra Maheden,
Founder and Director

Traditionally considered a fiercely fast-paced, ultra-competitive industry where the lowest bidder can be determined by mere dollars, the construction world is constantly changing to compensate for the even tighter timelines and bottomed-out budgets of today. Although adapting to the newer creative techno-strategies consistently achieving effective results is the answer, architectural, engineering, construction, and operations (AECO) firms often find themselves understaffed and inexperienced in the necessary 3D building information modeling (BIM). Without experienced in-house resources to fulfill project requirements, truly savvy professionals are reaching out to the dedicated team they trust at MLC Digital Solutions.

Offering a sophisticated blend of 2D and 3D documentation, virtual design, and construction tools, this unique BIM/VDC consultancy, led by visionary Mirra Maheden, CanBIM CP, empowers organizations to transition seamlessly into the digital age. MLC's excellence in converting traditional 2D computer-aided design (CAD) into dynamic 3D models brings about a new level of real-time visualization (VR), fostering precision,

collaboration, and the ultimate in client satisfaction.

What sets MLC apart from any competitor is its committed customer-centric approach, putting people first, aligning not just with client goals but focusing just as intently on every stakeholder's needs.

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We believe a proactive communication strategy not only streamlines the workflow but builds trust and transparency with clients, ensuring potential obstacles are tackled more efficiently and effectively

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Maheden, MLC's founder and director, explains, “We maintain a strong, proactive communication line with the client and the project site team. My extensive experience working with design and construction models affords me the expertise and the intuition to determine potential challenges before installation occurs. Through this collaborative communication, just one of our many unique strengths, we educate the clients in this digital technology to ensure a more informed and enjoyable working experience.”

Walking her talk, this innovative BIM maven directly engages with clients to identify issues she observes and often even anticipates, resolving problems before they become a financial liability. Understanding the specific project requirements and the immediate needs of the AECO client, Maheden's comprehensive perspective empowers her team to evaluate and facilitate the desired outcomes of all involved carefully.

As early adopters of construction-related technology, MLC's formidable team enhances any project with their impressive decades of collective experience. Their mastery of the Autodesk Construction Cloud ensures that clients benefit from a more efficient and well-structured setup of this environment.

MLC's dual proficiency in BIM coordination and clash detection aids in the accurate identification of potential design conflicts, facilitating smooth resolutions and thereby fortifying the company's reputation as a reliable partner, the first choice in their field.

When MLC accepted a challenging project that required suspending 30,000 feet of 44-inch-wide cable trays from a structure within a processing plant, this concept initially posed conflicts with the existing steelwork and adjacent sub-trades. Addressing such a complex and large-scale system demanded careful planning and creative problem-solving, both in line with MLC's demonstrated excellence. The team devised new, clash-free paths for the cable trays, ensuring these redesigned routes fulfilled all necessary specifications without disturbing other structural elements. The project concluded with widespread acclaim from the various stakeholders, including high praise from the building owner, who proclaimed MLC had “nailed it” with no subsequent errors or omissions.

Such success stories illustrate more than technical proficiency, demonstrating, as well, MLC's irreplaceable ability to create outside the box. The team's proven expertise in cutting-edge technology has enabled them to transcend the ordinary, forging new paths in a decidedly complex realm. A testimony to their signature vision and vigor, MLC Digital Solutions remains at the forefront, supporting clients by resolving real-world construction challenges. 