ProTechTiv

Projects, Technologies & QA Services

COMPANY PROFILE 2026 · ISRAEL

Engineering Projects Management and Validation Services

End-to-end engineering management, cleanroom delivery and validation for the pharmaceutical, biopharmaceutical, medical device and medical cannabis industries.



Since 2015 · 21+ years of experience

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OVERVIEW

One Partner From Concept to Hand-Over

ProTechTiv provides engineering projects management, validation and quality assurance services, specializing in the pharmaceutical, medical device and medical cannabis industries. Our mission is to deliver comprehensive, end-to-end solutions that ensure compliance, enhance operational efficiency and drive innovation.

21+	2015	250-500 m²	3,000 m²
years in pharma and biopharma	ProTechTiv founded	laboratory spaces	advanced cleanrooms

OUR SERVICES

Engineering Project Management

With more than 21 years of specialized experience in the biopharmaceutical and pharmaceutical industries, we oversee large-scale cleanroom facilities and complex engineering projects from conception to completion. Since ProTechTiv was established in 2015, we have expanded our expertise into the design and management of pharmaceutical, medical device, microbiological and specialized laboratories, including for the food-tech and medical cannabis sectors.

Our services cover the entire project lifecycle, from the first design and planning of laboratory spaces of 250-500 m^2 to the construction of advanced cleanrooms of up to 3,000 m^2. We manage every phase until final hand-over to the client, with seamless execution in the design, installation and commissioning of process equipment.

> **Precision Engineering. Single-Point Accountability. Uncompromising Regulatory Delivery.**

ProTechTiv delivers end-to-end engineering management, cleanroom infrastructure execution and complete project delivery across the biopharmaceutical, medical device, semiconductor, advanced microelectronics and food-tech sectors.

We operate not as a standard construction contractor, but as a high-level project management and engineering integrator. We take complete operational and commercial accountability under a turnkey management model (EPCCm), driving every milestone from conceptual planning and basic design through infrastructure procurement, supervisory execution and automated control systems (HMI/BMS), to final GxP qualification and client hand-over.

As lead integrator, we bridge the gap between R&D and full-scale production, managing URS definition, vendor selection and complex infrastructure (HVAC, HMI, IT). Our approach ensures that even the most intricate projects are completed on time, within budget and to the highest regulatory quality standards.

TRACK RECORD

Signature Global and Industrial Projects



GLOBAL DELIVERY · HANGZHOU, CHINA

4,000 m² Cleanroom Manufacturing Plant

- Principal owner's engineering consultant and lead technical authority for a 4,000 m^2 state-of-the-art cleanroom plant, delivered during the COVID-19 pandemic.
- Engineering governance over the local design and engineering firm: technical reviews, design verifications and formal sign-off of every architectural, HVAC and process infrastructure submittal.
- Periodic remote construction supervision and live video inspection audits at critical installation milestones, in strict alignment with ISO 14644 and cGMP cleanroom standards.



SEMICONDUCTOR & MICROELECTRONICS

Semiconductor Cleanroom Projects

- Engineering leadership for semiconductor cleanroom infrastructure.
- Specialized in advanced air handling dynamics and industrial humidifier submittals.
- Control logic and multi-point I/O safety allocations.

OUR SERVICES

Validations

Our team provides a wide range of validation services for both mechanical and computerized systems. We ensure that all equipment and processes meet regulatory requirements and function as intended, giving you confidence in your operations.

Beyond core system validation, ProTechTiv offers specialized support in documentation gap analysis and remediation plans for cleanroom facilities. We have extensive knowledge in developing and optimizing the full suite of validation documents (URS, FS, IQ, OQ, PQ), ensuring seamless project execution.

COMPLIANCE

Standards We Work To

Our expertise ensures that your validation documentation and standard operating procedures (SOP) comply with rigorous international standards, including:

Quality System Regulations	FDA 21 CFR Parts 210, 211 (cGMP)
Electronic Records and Signatures	FDA 21 CFR Part 11
Sterile Manufacturing	EU Annex 1
Qualification and Validation	EU Annex 15
Cleanroom Classification & Monitoring	ISO 14644

We make sure your systems are not only validated, but stay fully ready for regulatory review.

WHY CHOOSE PROTECHTIV

Our core values set us apart. By integrating our diverse services, clients benefit from our ability to deliver seamless, end-to-end projects. We are committed to being a dependable partner, offering tailored solutions backed by hands-on experience. Our deep understanding of quality and project execution means we have the expertise to take on your most challenging projects.

Creativity | **Innovation** | **Reliability** | **Responsibility**

SOME OF OUR CLIENTS

teva, omrix, api, Liposphere, MediWound, NANOMOTION, molex, UroGen Pharma, Pi-Cardia, BIOPROTECT, CARDIOVALVE, VENUSMEDTECH, tixel, remilk., ImaginDairy, WeGROW

CONTACT US

For tailored solutions that meet your company's needs, reach out to us:

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Partner with ProTechTiv to drive your projects forward with expertise and precision. Thank you for your consideration.

Shlomi Avraham
CEO & Owner