



Leading Global AI & Industry Empowerment Platform

Integrating deep industrial heritage with world-class artificial intelligence to redefine the boundaries of productivity.

CORPORATE OVERVIEW | 2026

TABLE OF CONTENTS

- **Part 1: Background & Heritage**
- **Part 2: The AI Transformation**
- **Part 3: AI Commerce System** (CommerceOS)
- **Part 4: AI Legal Assistant** (LegalOS)
 - - Smart Contracts & Document Generation
 - - Virtual Moot Court Simulation
 - - Cross-Border M&A Compliance Engine
- **Part 5: AI Medical & Research** (MedResearch)
 - - 3D Multi-Omics Diagnostics
 - - "Digital Twin" In Silico Trials
 - - Drug Discovery Acceleration Engine
- **Part 6: Executive Leadership & AI Engineering**
- **Part 7: Global Footprint & Ecosystem**

1.1 COMPANY BACKGROUND

Incorporated in Singapore in June 2012, RLG Global Pte Ltd is a multinational enterprise with deep industrial roots and cutting-edge technological attributes.

- **Core Business Scope:** Health management, financial technology, engineering consultation, technology development, environmental sustainability, and cross-border trade.
- **Core Mission:** Deeply embedding cutting-edge Artificial Intelligence (AI) into the foundational restructuring of traditional industries, fundamentally transforming operational efficiency and business models.

Our Unique Value

"Cross-Boundary Convergence, Digital-Physical Synergy"

We are far more than a software company. Our team brings decades of experience serving Fortune 500 industrial giants. This enables RLG's AI to precisely target industry pain points rather than remaining as theoretical models.

1.2 HERITAGE: THE MEI GROUP LEGACY



MEI Project Engineers (Est. 1973)

Founded by Chairman Roland Wee, MEI is a premier engineering, procurement, and construction management (EPCM) and project advisory firm headquartered in Singapore. It ranks among Asia's leading engineering companies.

- **Global Recognition:** Ranked as one of the **TOP 225 International Design and Construction Companies** by the US Engineering News-Record (ENR) from 1999 to 2001.
- **Comprehensive Services:** Engineering design, procurement, construction, front-end advisory, site search, and government negotiations.

Serving Fortune 500 Clients

MEI Group has established a robust business network across Singapore, China, Malaysia, Vietnam, India, and other ASEAN nations, serving global giants including:

Shell

Total

DuPont

Dow

Castrol

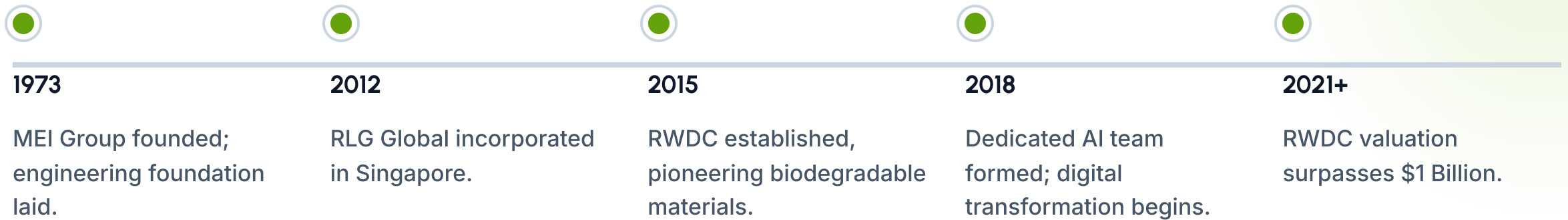
British Petroleum (BP)

Procter & Gamble

3M

Hyundai

1.3 SUSTAINABLE INNOVATION: THE RWDC UNICORN



Saving the Planet & Future Generations

In 2015, Roland Wee and US microbiologist Dr. Daniel Carraway co-founded RWDC Industries. The company's noble mission is to protect the Earth and humanity from the harm caused by non-biodegradable microplastics.

Pioneering Natural Biopolymers (PHA)

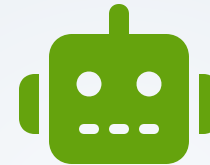
RWDC focuses on developing Polyhydroxyalkanoates (PHA) and other natural biodegradable materials widely used in food service and consumer packaging. Following its latest funding round in 2021, **RWDC's valuation exceeded \$1 Billion.**

2.1 EMBRACING THE ERA: THE AI TRANSFORMATION

From Traditional EPC to AI-Driven Engines

Recognizing the rise of artificial intelligence, MEI Group and RLG Global decisively established a **dedicated AI technology team in 2018**. This strategic move enabled the company to offer not only top-tier engineering services but also professional AI solutions, seamlessly integrating AI into clients' workflows.

- **Energy Management:** AI-optimized grid load and consumption.
- **Human Resources:** Intelligent recruitment and employee performance evaluation.
- **Customer Service:** 24/7 multilingual LLM-powered customer support systems.
- **Compliance & Regulation:** Automated transaction monitoring and regulatory compliance detection.



AI Empowering Traditional Business

"This strategic integration significantly enhances the efficiency of traditional businesses, positioning our clients at the forefront of the new technology-driven industrial revolution."

3.1 CORE AI PRODUCT MATRIX OVERVIEW

Built on underlying cross-system orchestration engines and domain-specific LLMs, RLG has created three high-barrier industry applications:



AI E-commerce

CommerceOS

Based on a "Full-Autopilot" concept, disrupting traditional SaaS tools by enabling an end-to-end AI-managed loop from store creation, product sourcing, and operations to fulfillment.



AI Legal Assistant

LegalOS

Revolutionizing legal productivity. Providing the ultimate legal super-brain, featuring sub-second complex contract review, AI moot court simulations, and smart cross-border M&A due diligence.



AI Medical & Research

MedResearch

Building digital twin clinical models and multi-omics diagnostic engines, delving into genetic-level data to compress antibody discovery and target research from years to months.

3.2 COMMERCEOS: DISRUPTING E-COMMERCE PARADIGMS

The Commitment

"You state the goal; AI delivers the result."

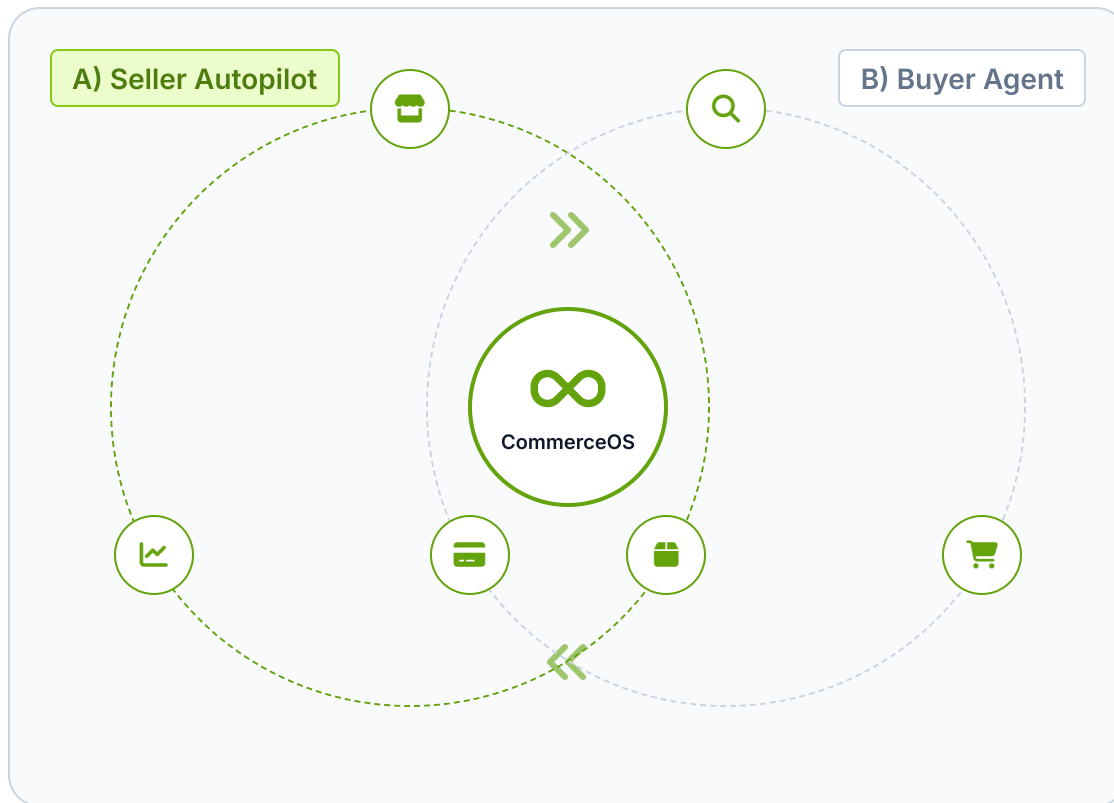
Breaking away from fragmented e-commerce tools. We realize a true 0 to 1 workflow: Store Setup → Listing → Sourcing → Shipping → Payment Collection → Ad Campaigns → Customer Support → Financial Reconciliation.

The Paradigm Shift

Business software is evolving from the "Tool Era" to the "Outcome Delivery Era".

- **Past:** Humans learn software, operate dashboards, and manually sync data across systems.
- **Now:** Merchants make business decisions and accept milestones; AI Agents execute all operational tasks across external APIs and databases.

3.3 COMMERCEOS: SELLER & BUYER DUAL FLYWHEEL



Driving Two-Sided Network Effects

A) Seller Autopilot

Users input inspiration and budget; the internal AI expert team takes over end-to-end execution, ultimately delivering the profit report.

B) Buyer Agent

A single sentence requirement awakens the global supply chain, precisely matching, auto-comparing, and enabling 1-click purchases, completely reinventing the traffic entry point.

4.1 LEGALOS: THE LEGAL SUPER-BRAIN

"Making legal defense impenetrable, making services fast and accessible"

By integrating global multi-jurisdictional databases with LLMs trained on millions of case precedents, LegalOS provides 24/7 intelligent escorts for law firms and corporate legal departments—from document review to litigation strategy.

- **Eliminating Human Fatigue:** Machines maintain 100% focus, instantly identifying hidden traps, unequal terms, and minute loopholes in contracts.
- **Dynamic Compliance Asset Engine:** The enterprise's historical contracts, revision preferences, and litigation history are automatically trained into a proprietary AI compliance foundation.



Smart Contracts & Documents

Supports sub-second deconstruction of multilingual cross-border commercial contracts. Based on guided dialogues, the system generates rigorous complaints, NDAs, and lawyer letters with one click.

4.2 LEGALOS: AI MOOT COURT SIMULATION

Rehearsing Future Litigation Battles

Before stepping into the courtroom, utilize AI for ultra-realistic litigation simulations. Based on the case's chain of evidence, the system generates a highly intelligent **"Virtual Judge"** and **"Virtual Opposing Counsel"**.

- **Judge Tendency Modeling:** Extracts the presiding judge's past 10 years of rulings to analyze their legal preferences and discretionary standards.
- **Hostile Cross-Examination:** The virtual opposing counsel finds the weakest link in the evidence chain, asking aggressive questions to help your lawyers refine their defense logic.
- **Dynamic Win-Rate Prediction:** As simulated evidence is added, the AI recalculates the probability of winning each claim in real-time.

Moot Court Console - Case #LGL-2026-908

[Virtual Opposing Counsel (Attack Strategy)]

"You claim force majeure, but in the email evidence (Exhibit 4), your side confirmed a logistics delay two days prior to the storm. We argue this constitutes intentional breach. Please explain."

[Virtual Judge (Legal Precedent Model)]

System Prompt Presiding Judge Zhang leans towards requiring official Meteorological Bureau certificates in similar precedents. Suggest supplementing this evidence.

[Your Counsel Input]

Generating response strategy and related legal citations...

4.3 LEGALOS: CROSS-BORDER M&A COMPLIANCE ENGINE



50+ Jurisdictions Regulatory Graph

In large-scale cross-border M&A or expansion, the system automatically cross-references the target company's operational structure against antitrust, data export, and labor laws in the target country, updating regulatory red lines in real-time.



1-Click Due Diligence (DD)

Ingests tens of thousands of financial reports, employment contracts, IP certificates, and hidden debt files. AI agents extract core info concurrently, automatically identifying "poison pill" clauses, equity pledges, and litigation risks.



AML & Sanctions Screening

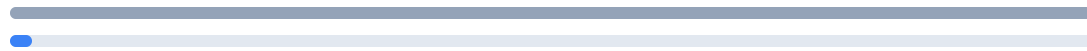
Syncs in real-time with international sanctions lists, deeply penetrating complex nested equity structures of counterparties to identify Ultimate Beneficial Owners (UBOs), ensuring absolute compliance with AML and export controls.

4.4 LEGALOS: PERFORMANCE DASHBOARD

⚡ DD DOCUMENT REVIEW SPEED

2.4 Mins

Compared to 14 days for traditional human teams



👁️ HIDDEN RISK DETECTION RATE

99.2%

Discovered via multi-dimensional deep correlation



🗂️ BASIC DOCUMENT AUTOMATION RATE

85%

Release ratio of junior lawyer workload



🌐 COVERED JURISDICTIONS & LANGUAGES

120+

Supporting national jurisdictions & real-time translation



5.1 MEDRESEARCH: THE "GOD'S EYE" IN LIFE SCIENCES

"Accelerating the distance from target to cure"

Relying on RLG CTO Eission Zhang's profound technical accumulation in top-tier AI drug discovery, we introduce generative models and biocomputing into clinical diagnostics and new drug research, aiming to enhance the fundamental efficiency of global healthcare systems.

- **Eliminating Diagnostic Blind Spots:** Human doctors are limited by cognitive bottlenecks and fatigue; AI instantly synthesizes global pathology data and the latest literature.
- **Demystifying R&D:** Transforming the "needle in a haystack" molecular screening of traditional pharma into highly precise dry lab protein structure experiments.



Precision Medicine Empowered by AI
(From Macro Diagnostics to Micro Genomics)

5.2 MEDRESEARCH: 3D MULTI-OMICS DIAGNOSTIC ENGINE



Trinity Deep Analysis

Single tests are often limited. The system deeply fuses and models a patient's **Radiomics, Genomics, and Proteomics** data, capturing micro-lesion signs imperceptible to the naked eye or single-dimensional analysis.



Personalized Treatment Inference

Based on multi-dimensional vital signs and gene mutation loci, AI compares against tens of millions of Real-World Data (RWD) records and the latest global clinical trials, providing confidence-ranked, personalized targeted or immunotherapy suggestions for complex diseases like tumors and rare conditions.

Empowering Grassroots: This engine not only serves top-tier research hospitals but, through cloud deployment, allows doctors in remote areas to instantly access diagnostic support equivalent to a "global top expert consultation."

5.3 MEDRESEARCH: "DIGITAL TWIN" IN SILICO TRIALS

In Silico Trials

The "Valley of Death" in new drug R&D lies in the long and expensive clinical trial phases. RLG AI uses cutting-edge algorithms to reconstruct complex biological metabolic systems and disease mechanisms within silicon networks.

- **Building 1M+ Virtual Patients:** Generating massive "Digital Twin" patient models based on real genetic databases and biochemical indicators across global populations.
- **Early Toxicity Prediction:** Before a drug enters a real human body, it is "run" millions of times in virtual patients to discover rare adverse reactions and hepato/cardio-toxicities early.
- **Optimizing Cohort Screening:** Guiding precise screening of the sub-populations most likely to benefit during real clinical trials (Phases I-III), drastically improving success rates.



Digital Twin Cohorts

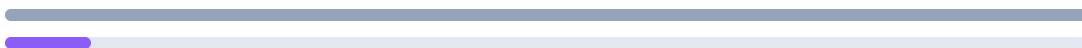
Exhausting life's trial and error at the speed of light in a harmless virtual world.

5.4 MEDRESEARCH: DRUG DISCOVERY ACCELERATION DATA

TARGET & LEAD COMPOUND DISCOVERY CYCLE

2-3 Mos

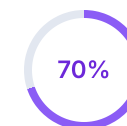
Compared to 3-5 years in traditional R&D pipelines



PRE-CLINICAL R&D COST REDUCTION

70%+

Filtering massive invalid pipelines via dry lab experiments



VIRTUAL MOLECULE SCREENING SCALE

10¹² Tier

Real-time computation of trillion-level chemical spaces

 Gen-AI Structure Exploration

KNOWLEDGE GRAPH LITERATURE PROCESSING

35M+

Medical journals, patents, and public target data



6.1 EXECUTIVE LEADERSHIP

CHAIRMAN

Roland Wee

Graduated from Univ. of Southampton, UK (1967) on a Singapore Govt Scholarship. Board member of PowerGas and other major institutions.

Co-founder and Chairman of engineering giant **MEI Group** and >\$1B unicorn **RWDC Industries**.

CEO

Eission Zhang

Top-tier AI expert. BS/MS from Univ. of Tokyo (Physics); **MIT PhD** in 2013.

Former Intel Research Center & SoftBank Group. Serial entrepreneur who led development of AI drug discovery, hedge fund trading, and health management systems.

COO

Nancy Li

Veteran corporate operations & strategy expert. Dual Master's from Tongji Univ. & ENPC (France).

Former **MEI Group GM** and **RWDC VP of Corp Planning**. Demonstrates outstanding leadership in resource integration and large-scale complex project delivery.

CTO

Owill

Professor at KTH (Sweden); PhD from Institut Pasteur (France).

Created ANNA-PALM (100x microscopy speed). Leader of famous open-source AI project (ImJoy). Responsible for orchestrating the universal LLM foundation supporting the company's core product lines.

CFO

Eric Chan

BS from CUHK; MBA from Strathclyde. CPA qualified in Hong Kong, UK, and Singapore.

20+ years in capital markets. Led a HKEX IPO for an electronics firm and served as CFO & Director for a London-listed renewable energy company.

6.2 AI SCIENTISTS & ENGINEERING ELITE

RLG Global has gathered top machine learning and data engineers who previously served in core departments of Silicon Valley giants, forging a solid technological moat.

SENIOR AI ENGINEER / DATA ANALYSIS

FengYan

Academic: MS in Computer Science, Stanford Univ.; BS in Computer Science, MIT.

Experience: Formerly with **IBM and Google**.

Achievements: Led the development of predictive models for financial services at IBM, improving accuracy by 20%; automated massive data processing tasks via ML algorithms, reducing processing time by 35%. At Google, co-designed a new recommendation system engine, increasing user engagement by 25%.

DEEP LEARNING ARCHITECT / NEURAL NETWORKS

Yu Cheng Wang

Academic: MS in Artificial Intelligence, CMU; BS in Computer Engineering, UC Berkeley.

Experience: Formerly with **Apple and Amazon**.

Achievements: Expert in neural networks. At Apple, designed and implemented image recognition deep learning models for devices, leading extreme mobile algorithm optimization. At Amazon, participated in core recommendation ML model development and early NLP R&D for Alexa.

6.3 AI SCIENTISTS & ENGINEERING ELITE

ROBOTICS & AUTOMATION AI EXPERT

HaoRan Zhang

Academic: MS in Robotics, MIT; BS in Mechanical Engineering, Georgia Tech.

Experience: Former Engineer at **IBM and Tesla**.

Achievements: Developed manufacturing automation AI algorithms at IBM, increasing efficiency by 30%, and contributed to Watson industrial applications. At Tesla, focused on optimizing autonomous driving sensor data parsing algorithms.

SENIOR NLP & CONTENT GEN SCIENTIST

Michael Brown

Academic: MS in Computer Science, Univ. of Washington; BS in IT, NYU.

Experience: Former Developer at **Facebook and Microsoft**.

Achievements: Specializes in NLP and AIGC. At Facebook, developed core NLP algorithms for content moderation and sentiment analysis, and led the AI news summary project. At Microsoft, contributed to Office 365 AI features and the Cortana system.

MACHINE LEARNING & BIG DATA EXPERT

Sam Wilson

Academic: MS in Data Science, UChicago; BS in Mathematics, UT Austin.

Experience: Former Data Scientist at **NVIDIA and Oracle**.

Achievements: Developed ML models for image and video processing at NVIDIA, mastering low-level algorithm optimization based on GPU processing. At Oracle, led a team to provide complex market prediction models for enterprise clients.

7.1 GLOBAL PROJECTS & INDUSTRY FOOTPRINT

Cross-Border and Cross-Industry Execution Capability

Over the past decades, the management team has demonstrated an extraordinary track record, successfully building deep relationships with numerous Fortune 500 companies across Singapore, China, Malaysia, Vietnam, India, and other ASEAN nations.

This is not just an accumulation of a client list; it is the cornerstone of RLG Global's deep understanding of complex industrial processes, cross-border compliance, and enterprise-grade software deployment environments—giving us an unmatched advantage in industrial-grade AI implementation today.

Core Domains & Giant Ecosystems

- **Energy & Petrochemical Giants:** Intelligent dispatching, automated production line management, and predictive equipment maintenance (e.g., Shell, Total, BP).
- **Advanced Materials & Chemicals:** AI-assisted chemical formulation optimization and agile supply chain management (e.g., DuPont, Dow, Akzo Nobel, Ciba).
- **FMCG & Heavy Machinery:** Global supply chain digital sourcing, smart warehousing, and distribution prediction models (e.g., Procter & Gamble, 3M, Hyundai).

7.2 TOP-TIER RESEARCH ECOSYSTEM & VISION

Gathering the World's Greatest Minds

We possess not only an in-house core R&D team but have also established deep cross-disciplinary industry-academia-research cooperation mechanisms with leading global technology entities and top academic institutions. This ensures our underlying algorithms, computing optimization, and frontier architectures always remain at the world's absolute peak.

Massachusetts Institute of
Technology (MIT)

California Institute of
Technology (Caltech)

IBM Research

Google AI



RLG GLOBAL

Seamlessly stitching traditional industrial heritage with cutting-edge future technology. We are not just witnesses, but the frontier drivers defining the new global industrial revolution driven by artificial intelligence.

SHAPING THE FUTURE, TOGETHER.