

CONCORD\BSE\62\2024-25

November 20, 2024

The Secretary,
Listing Department,
BSE Limited,
1st Floor, Phiroze Jeejeebhoy Towers,
Dalal Street,
Mumbai-400001, Maharashtra

Scrip Code: 543619; Symbol: CNCRD

Sub: Investor Presentation under Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015

Dear Sir / Madam,

Pursuant to the provisions of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find attached herewith Investor Presentation titled “Concord Control Systems Limited, Investor Presentation – H1FY25.

The aforementioned presentation is also being uploaded on the company’s website i.e. www.concordgroup.in

We request you to please take the same on record.

Thanking You,

Yours’ Sincerely,

*for Concord Control Systems Limited
(formerly known as Concord Control Systems Private Limited)*

Puja Gupta
Company Secretary and Compliance Officer
M. No. 28664

CNCRD

CONCORD CONTROL SYSTEMS LIMITED

TRANSFORMING RAILWAYS, TRANSFORMING INDIA

Investor Presentation

H1FY25



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1. About Us

2. Business Overview

3. Way Forward

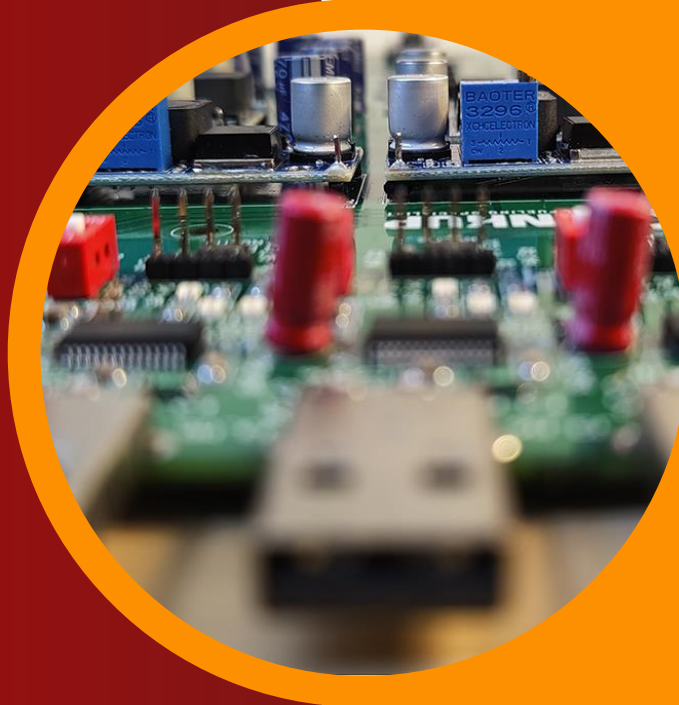
4. Key Highlights

5. Industry Overview

6. Annexures



About us





ABOUT US



- The company started its operations with **manufacturing and supply of Coach related and Electrification products for Indian Railways and other Railway Contractors.**
- The company is **transitioning from being a Product/Equipment Supplier to a Solution Provider for Indian Railways**
- Approved vendor of Research Design and Standards Organization (RDSO), Chitranjan Loco Works (CLW), Integral Coach Factory (ICF)
- ISO 9001:2015 certified organization by TUV- SUD South Asia Pvt. Ltd.
- Manufacturing plants located at Lucknow, Bengaluru (Advanced Rail) & Hyderabad (Progota India)
- R&D capabilities include product engineering, product simulation, prototyping and testing
- Currently developing product prototype of Control and Relay Panels, having received Capacity cum Capability Assessment certificate from RDSO

**Company incorporated
in 2011**

OEM to Indian Railways

**Approved Vendor of RDSO,
CLW & ICF**

**Inhouse Research &
development**

**ISO: 9001:2015 certified
organization**

**Transfer of Technology with a
Spanish Company**

**Rs. 49.75 Cr Consolidated
Revenue (H1FY25)**

100+ Total Employees





MANUFACTURING FACILITIES

- Lucknow, Uttar Pradesh (2 Units)
- Bangalore, Karnataka (Advanced Rail)
- Hyderabad, Telangana (Progota India)

Facility

- 4 manufacturing facilities situated at Lucknow (2 Units), Bangalore (Advanced Rail) and Hyderabad (Progota India) respectively
- Manufacturing units include a well-equipped laboratory, modern technology and testing equipment to ensure that the products confirm with the predetermined standards.
- Research and development team dedicated towards developing new products or improving existing products

Testing Equipment

- Process testing is performed during the production of the product, to work out errors in productivity. Strictly ensuring visual as well as technical testing.
- Use of calibrated instruments to maintain test quality. Calibration of the equipment is being done annually, and slip is being pasted on the equipment.

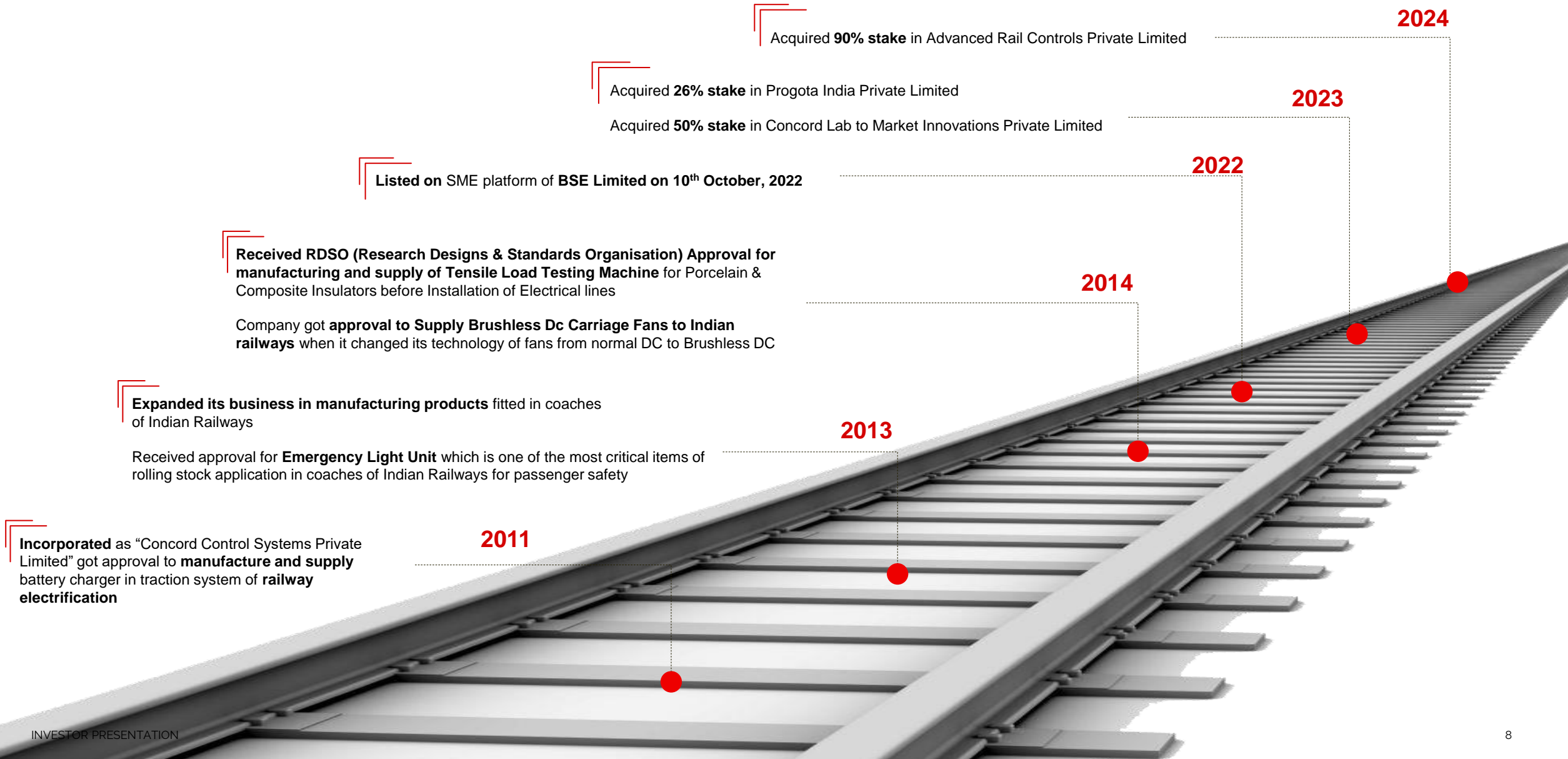


RESEARCH & DEVELOPMENT

- Dedicated team towards developing new products or improving existing products
- R&D capabilities include product engineering, product simulation, prototyping and testing which are mainly undertaken at our manufacturing facilities.
- Currently developing several new products like product prototype of Control and Relay Panels and has received Capacity cum Capability Assessment certificate for the same from RDSO.



OUR JOURNEY



CORE TEAM



Mr. Nitin Jain

Joint Managing Director

Mr. Nitin Jain, graduated from Siddaganga Institute of Technology, Tumkur is a success-driven, visionary, and highly committed professional.

He is a profound mechanical engineering professional, having involved himself for decades in this field to serve the nation and its people in the best possible way.

He strives every day to exceed the expectation of his clients by introducing innovative quality products to the market.

He takes complete involvement in guiding the team to meet the benchmarks

Encourages high-quality communication and professionalism to foster teamwork.

Well-equipped in providing top-notch leadership and services within the organization with expertise in planning and setting long-term strategic goals.



Mr. Gaurav Lath, post graduated from Narsee Monjee Institute of Management Studies, Mumbai where he specialized in the field of business management.

With more than two decades of experience in this field, His vision is to supply quality and innovative products to the industry

He is an experienced Director with a demonstrated history of working in the oil & energy industry as well.

With strong professional skills in Negotiation, Customer Service, Requirements Analysis, Strategic Planning, and Business Development he takes all the strategic decisions for the Company's growth.



Mr. Gaurav Lath

Joint Managing Director



Business Overview



SUBSIDIARIES / JOINT VENTURES



CONCORD CONTROL SYSTEMS LIMITED

Progota India Pvt Ltd

Holding: 26%

Acqn Date – 2023 (Associate Company)

Associated Product/Technology - Kavach

- Started in consortium with 2 business associates
- Kavach is the most required project of Indian Railways to
 - Enhance the speed limit from 120 kmph to 180 kmph
 - Avoid fatal accidents due to negligence of loco drivers and signalling malfunction

Advanced Rail Controls Pvt Ltd

Holding: 90%

Acqn Date – 2024 (Subsidiary)

Associated Technology - Propulsion Technology

- Acquired the company to enter into new domain of Indian Railways i.e. Locomotives
- Company is a Leader in manufacturing few of the most advance communication products used for Locomotives Operations

Concord Lab to Market Innovations Pvt Ltd

Holding: 50%

Acqn Date – 2023 (Associate Company)

Associated Product/Technology - WILD

- Company develops Diagnostic & Instrumentation Products under the guidance and partnership of IISC Bengaluru
- Technologies / Products developed
 - **Wheel Impact Load Detector (WILD)**
 - Uneven Loading System (currently the main problem area for Indian Railways)



Concord invests in research based companies, and post acquisition plugs them to their own Railway Ecosystem.
Concord is shifting its business from product based to research based problem solving for railways.



A. TRACTION PRODUCTS

Various range of Battery Chargers for Traction Substation, AC-DC Distribution Panels, Control Relay Panel, Colour Light Signal Panel, Fuse boxes, Terminal Boards and Insulator Testing Machine



**Battery
Chargers**

- We are RDSO approved source for Battery Chargers.
- In most railway battery-operated systems, the battery must be undercharged in order for the actual load to function properly.
- Batteries cannot be charged directly from the electricity supply utilities, so Battery Chargers are used to convert them to DC voltages and currents.
- It can be used manually and automatically.
- We manufacture manual and automatic both battery charger with various capacity for Indian Railways.



**Control Panels &
Distribution Panels**

We manufacture numerous ratings panels, which makes the distribution of supply smooth and safe.
We are CORE/RDSO/METRO approved source of various types of panels as below

- | | | | | | | | |
|---|---|----|--|----|---|---|---------------------------------------|
| 1 | Colour light signalling panels. | 2 | AC distribution panels for 25 kV line. | 3 | AC distribution panels for 2 x 25 kV line. | 4 | DC distribution panels for 2 kV line. |
| 5 | DC distribution panels for 2 x 25 kV line | 6 | Terminal Board | 7 | Fuse Boxes | 8 | Mast Mounted Panels |
| 9 | Panels for AC & DC distribution in metro lines. | 11 | Marshalling Box. | 12 | Control and relay panels for distributions. | | |



Testing Machine

- Testing machine used for Tensile, Breaking strength & Destructive test of 25kv Porcelain and Composite Insulator.
- Specially designed for Indian Railways to test the insulators at electrification site before insulators on the main line.
- This is a Precious Mechanical product that is affected with Hydraulic equipment that provides easy and reliable operation.
- Several no. of Fixtures are provided for different Operations.

B. COACHING PRODUCTS

Inter Vehicular Coupler, BLDC Fans, Emergency Lights LED based, RMPU Bellow ducts, Exhaust Fans, Cable Jackets and EPDM Cable Transit Systems



Emergency Light

- The Emergency Light switches on automatically in case the normal battery system of the coach fails during any unforeseen circumstances.
- During extreme emergencies like a derailment, accidents, etc. sometimes these supply systems fail, causing total darkness inside the coach.
- When all other power supplies inside the coach fail, this Emergency Light Unit is designed to provide illumination to facilitate passengers' survival and immediate rescue



Fans

- Coach Fans with the State-of-the-art BLDC technology, ideally suited for tropical and Indian conditions, has been developed in-house
- Exhaust fan and SK3 Fan for railways have also been developed in-house
- There are many benefits to brushless DC fans, including high air delivery, low power consumption, low noise, long life, and maintenance-free operation.



Coupler

- Inter Vehicular Coupler is used to transmit power from one coach to another coach.
- Critical product in coaching system to maintain proper distribution of electrical supplies inside the coach.
- 7 Pin Couplers with a capacity of 500A for Indian Railways are currently being manufactured



Bellows

- Special Material Bellows with silicon rubber coating on both sides for various application in Indian railways are currently being manufactured.
- The material used for producing the bellows are compliance to EN standards.

C: LOCOMOTIVE PRODUCTS (ADVANCED RAIL CONTROLS PRIVATE LTD)



The future is here...

2.1km IR Train Powered by ARC DPWCS
(can go upto 7km)

Super
Anaconda



<https://www.youtube.com/watch?v=3QhurR-w9al>

ADVANCED RAIL CONTROLS PRIVATE LIMITED



Advanced Rail Controls Private Limited is an ISO 9001:2015 certified Company established in 2005 in Bangalore (India)

Engaged in the Design & Development of products and offering Services to Rail Transportation Sector, especially Rolling Stock.

Associated Product/Technology - Propulsion Technology

Accepted Brand by Indian Railways & Other Clients

Able to provide long term support & obsolescence management

Capability to Design & Develop systems from the concept & FRS

Design aimed at Backward Compatibility

Domain Knowledge in:

- Traction Rolling Stocks
- Propulsion System
- Train Communication Network (TCN)
- Embedded Control Hardware & Software
- Test & Acceptance Standards for Traction Electronics

Opportunity size till FY2030

~Rs. 2,500 cr

1200 New Locomotives added every year

ADVANCED RAIL CONTROLS PRIVATE LIMITED



PRODUCTS

LOCOMOTIVE DIAGNOSTIC SYSTEM

DOPPLER RADAR BASED ADHESION CONTROL SYSTEM

TRACTION MOTOR SPEED SENSOR

REMOTE MONITORING & REMOTE DIAGNOSTICS SYSTEM

DISTRIBUTED POWER WIRELESS CONTROL SYSTEM (DPWCS)

DPWCS FOR TAP-CHANGER BASED CONVENTIONAL DC DRIVE LOCOMOTIVES

THE DRIVER DISPLAY UNIT (DDU)

VEHICLE CONTROL UNIT (VCU) FOR LOCOMOTIVES

MASTER CONTROLLER

PRINTED CIRCUIT BOARDS
FUNCTIONALLY EQUIVALENT TO LEGACY SYSTEM IN GTO BASED LOCOMOTIVES –
FOR OBSOLESCENCE MANAGEMENT

POWER SUPPLY MODULES FOR TRACTION APPLICATION

PRODUCTS (1/4)

(Advanced Rail Controls Private Limited)



LOCOMOTIVE DIAGNOSTIC SYSTEM

- Used in GTO Converter Based ABB LOCOS
- Connects to the MVB Network of LOCO
- Critical Tool needed for Production, Diagnosis, Fault Analysis
- Proprietary Tool
- Indigenously Developed & Import Substituted



DOPPLER RADAR BASED ADHESION CONTROL SYSTEM

- Interfaced with gto 3-phase locomotive as an add-on equipment interacting with traction converter for re-adhesion control during wheel slip of freight locos at low speeds



TRACTION MOTOR SPEED SENSOR

- GTO CONVERTER FED LOCOMOTIVES
- Accepts 110V DC battery supply and Hall effect type active sensor.
- 100% signal compatibility with old Wiegand sensor (25us, 2.1V pulse)
- Output galvanically isolated.
- Bipolar Signal - Direction Encoded



REMOTE MONITORING & REMOTE DIAGNOSTICS SYSTEM

- Enables real time viewing of locomotive health over internet.
- Multiple pre defined screens for viewing, analysis and data refresh rate of 15 seconds.
- Sms alerts during fault and email alerts weekly.



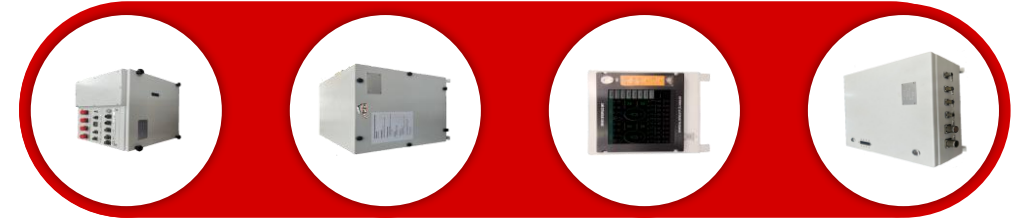
PRODUCTS (2/4)

(Advanced Rail Controls Private Limited)

DISTRIBUTED POWER WIRELESS CONTROL SYSTEM (DPWCS)



- DPWCS is a technology to achieve very high freight throughput with very minimal input cost by way of heavy haul
- Many freight trains are combined as a single train and operated by a single crew in the lead master loco and all the slave locomotives are commanded through wireless
- As the locomotives (power) are distributed in a train and controlled through wireless, the name DPWCS emerged. .
- Indian Railways has already decided to implement this technology in all modern three phase freight locomotives.



Control & Communication Unit (CCU)

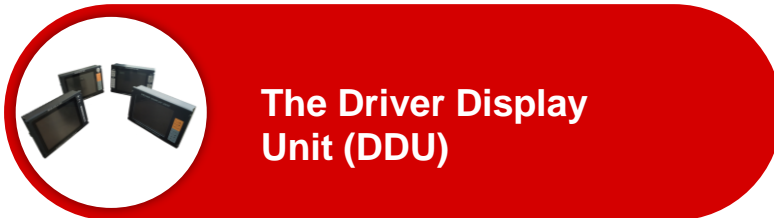
Brake Interface Unit (BIU) for IRAB Brake System

Driver Interface Unit (DIU/HMI)

BIU Pneumatic Control Panel

DPWCS FOR TAP-CHANGER BASED CONVENTIONAL DC DRIVE LOCOMOTIVES

Interfaced with to 3-phase locomotive as an add-on equipment interacting with traction converter for re-adhesion control during wheel slip of freight locos at low speeds



The Driver Display Unit (DDU)

The Driver Display Unit (DDU) is a man machine interface device able to communicate with locomotive control system through MVB. It Made as a panel mount equipment with LED backlit 10.4" LCD screen provides better readability even during daylight conditions, thanks to brightness control. Various fault messages and system generated prompts are displayed on screen. The DDU has various pre-defined screens which can be used for investigative monitoring.



Linux Based DDU

The Driver Display is 10.4 inch ARM controller based capacitive touch screen and fanless design. Touch screen has resolution of 1024 X 768 with keypad support. It communicates with Vehicle Control Unit through MVB to display various locomotive parameters. USB, RS232, RJ45 Interface is available. It supports ESD/EMD MVB Communication.



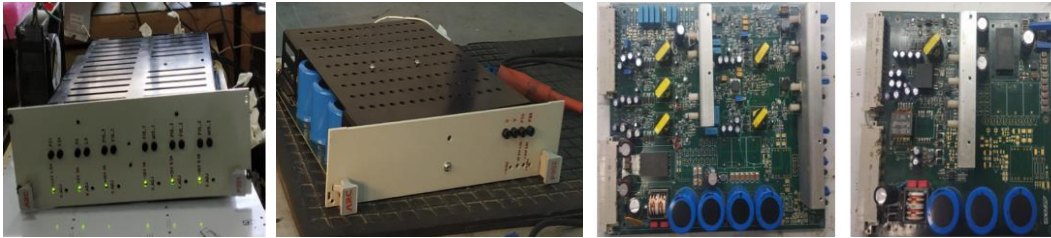
Linux Based DDU with Diagnosis

This Display is similar to Linux DDU with internal flash to store the fault and condition data which is generated from Vehicle Control Unit. USB port is provided to extract fault messages from DDU for analysing the fault.

PRODUCTS (3/4)

(Advanced Rail Controls Private Limited)

POWER SUPPLY MODULES FOR TRACTION APPLICATION

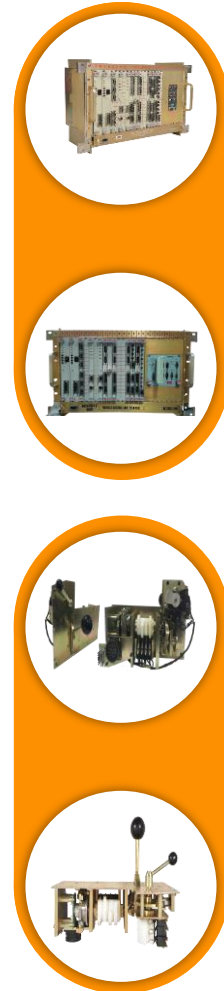


Pressure Sensor Oil Circuit

Transformer & Differential Amplifier to Pressure Sensor Oil Circuit.



Fire Detection Unit (FDU)



VEHICLE CONTROL UNIT (VCU) FOR LOCOMOTIVES

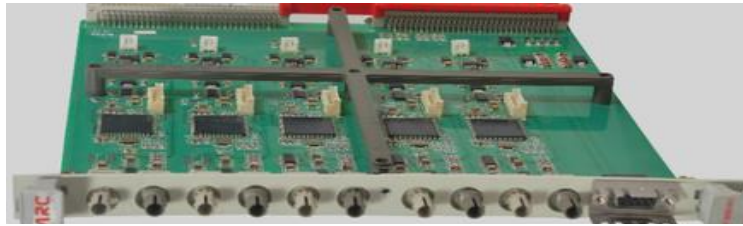
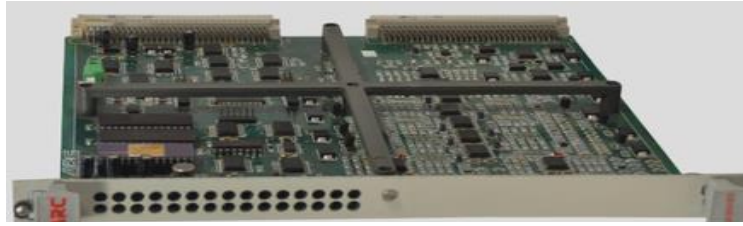
- IEC-61375 TCN Open architecture enables easy plug compatibility of 3rd party equipment like traction converter, auxiliary converter etc.
- Application developed in 'C' Language
- Redundancy: Even if one processor fails the other one will take care of the functionalities.
- Backward Compatibility with Legacy System

MASTER CONTROLLER

- Generates tractive and braking reference for VCU.
- Employs contact less angle encoder for angle detection.
- 4-20mA output signal.
- Integrated forward/reverse switch and CAM switches for sensing TE,BE,1/3 TE/BE and 2/3 TE/BE regions

PRODUCTS (4/4)

(Advanced Rail Controls Private Limited)



PRINTED CIRCUIT BOARDS FUNCTIONALLY EQUIVALENT TO LEGACY SYSTEM IN GTO BASED LOCOMOTIVES - FOR OBSOLESCENCE MANAGEMENT

- 100% Electrical, mechanical and functional compatibility (slot compatible) with legacy PCBS.
- Both Legacy cards and Equivalent cards can co-exist in the same rack.
- All obsolete electronic components eliminated.
- Component count reduced by combining the logics in CPLD which reduces power dissipation.
- Out of 26 types of cards we have completed 17 types of cards. 14 have been approved by RDSO for field validation

D1. WAYSIDE EQUIPMENT

1. Kavach (Progota India P. Ltd)

Indigenous Automatic Train Protection system which has Cab Signalling features-useful for high speeds as well as foggy weather

Features

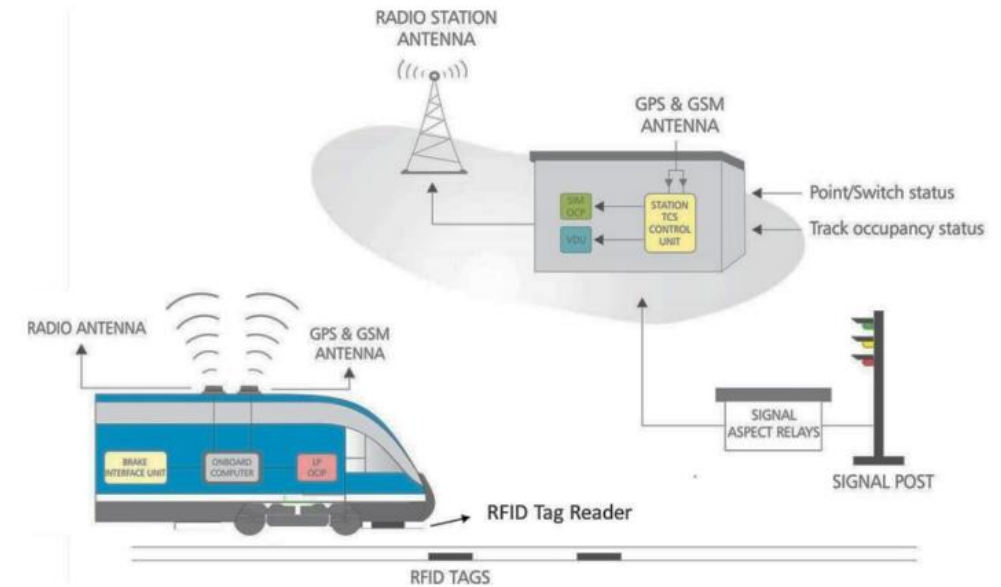
- 100% In-house Development of complete Kavach Solutions
- Relay SoS messages during emergency situations.
- Protection of Roll back and Reverse movements.
- Prevention of Side-collision in block section.
- Prevention of Head-on & Rear end collisions.
- LC Gate Automatic Warning.

Budget Allocation

- ₹4,000 crore designated for Signalling and Telecom budget
- ₹2,000 crore for Kavach implementation.
- Total expenditure on Kavach development: ₹16.88 crores.
- Kavach aims to secure India's extensive railway network of over 68,000 km

Cost

- Provisional cost on trackside installation: Approximately Rs 50 lakhs per km.
- Provisional cost per locomotive: Approximately Rs 70 lakhs.
- One of the cheapest systems with Safety Integrity Level-4 (SIL-4) certification



Govt Target
~47,000 kms
By FY30

~Rs. 40,000 cr

Opportunity size till FY2030

Source Indian Railways:

D1: WAYSIDE EQUIPMENT

2. Multi Section Digital Axle Counter (MSDAC) (Progota India P Ltd)

FEATURES

- Monitors specified track section for vehicle presence
- Used in Railway Signalling to detect the clear or occupied status of a section of track between two points.
- The system generally consists of a wheel sensor (one for each end of the section) and an evaluation unit for counting the axles of the train both into and out of the section.
- It basically tells a station master if the track is clear or occupied
- Conventional axle counters: Designed with transistorized circuits and integrated circuits (ICs).
- Digital Axle Counters": Designed using micro-controllers and software programs.

~Rs. 2,000 cr

Opportunity size till FY30

Transfer of Technology with a Spanish Company under Make in India

D2: WAYSIDE EQUIPMENT

Wheel Impact Load Detector (WILD) (Concord Lab to Market Innovations Pvt Ltd)

WILD is a hardened electronic data collection device that measures vertical wheel forces via rail-mounted strain gauges.

WILD measures impact forces caused by damaged wheels.

The system uses strain gauges stuck on the web of the rail to measure the shear strain from which the corresponding shearing load is determined

The strain gauges are connected to a data acquisition system which acquires data, computes the values and relays these to the internet based servers.

Components

- Instrumented Tracks
- Signal conditioning unit
- Train Trigger Sensor
- Real time Embedded controller
- Impact Load Analyzer Software
- Wireless data transfer
- Power back up
- Calibration Setup

Benefits

- Reduces service failures and unplanned maintenance costs of rolling stocks and tracks.

~Rs. 1,000 cr

Opportunity size till FY30



WILD (Wheel Impact Load Detector) systems were developed jointly by RDSO and IISC, Bengaluru in the year 2005.

COMPETITIVE ADVANTAGES

COMPETITIVE STRENGTHS

Diversified range of products

Quality Assurance

Long Standing Relationship with our customers

Experienced and Qualified Management and Employee base

Design and research capability

On-time delivery of consignments

In-House Testing



Continue to strengthen our existing product portfolio with attractive growth and profitability prospects

Continue to leverage the Government's policy & budget relating to our business

Continue to strive for cost efficiency

Priming talents of young team & maintaining average tenure of employees

Focus on consistently meeting quality standards

STRATEGIES

CLIENTELE



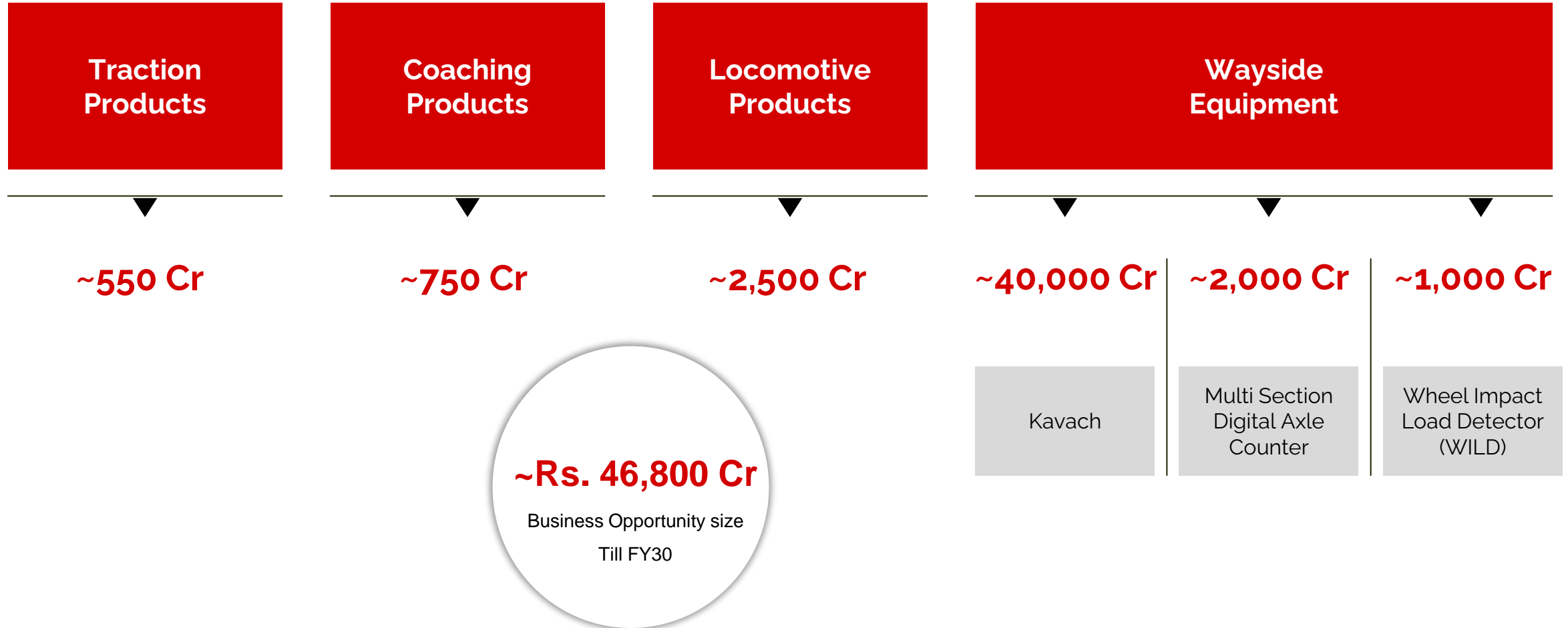
Note: Logos are shown for representation purpose only



Way Forward



BUSINESS OPPORTUNITY SIZE (IN INDIA) TILL FY30



WAY FORWARD



Looking to grow at around
40% to 50% Revenue CAGR for the next 3 to 5 years



Aiming to **grow at 40% to 50% Revenue** Year to Year basis in FY25



Maintain **EBITDA Margins** in the range of **23% to 25%**



Global Perspective

- Aiming to be a **Solution Provider to the World**
- To Focus on ESG (hydrogen, battery) & developing products around it



Key Highlights



KEY BUSINESS HIGHLIGHTS – H1FY25

CONSOLIDATED



Order Book
As on 30th Sep 2024

₹ 206.82 Cr

Order Book increased to ₹206.82 Cr vs. ₹196.57 Cr as on 31st Mar 2024

Increase of ~5%

Margin Expansion

28.54%

EBITDA Margin increased to 28.54% vs. 26.06% in FY24

Increase of 248 bps

Asset Growth
FY24 to H1FY25

₹ 24.12 Cr

Assets of ₹3.13 Cr in FY24 increased to ₹24.12 Cr in H1FY25

Increase of 670%

Return of Equity (ROE)

28.15%

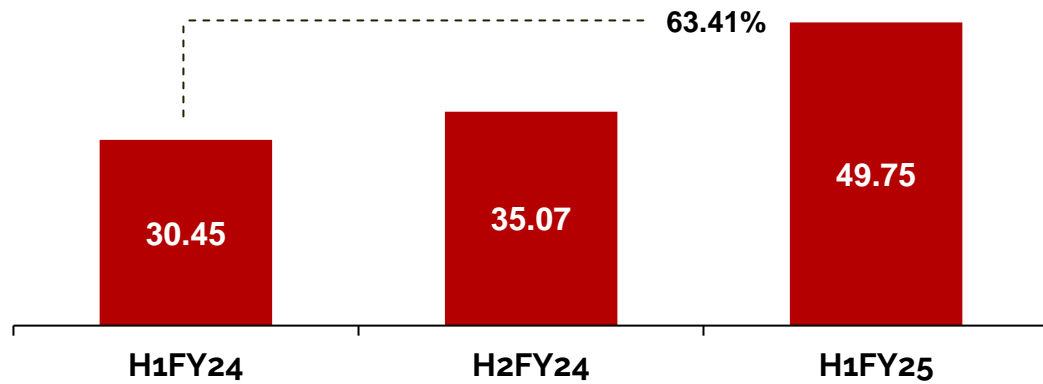
Return on Equity of 28.15% on Trailing Twelve Months (TTM) Basis

KEY FINANCIAL HIGHLIGHTS – H1FY25

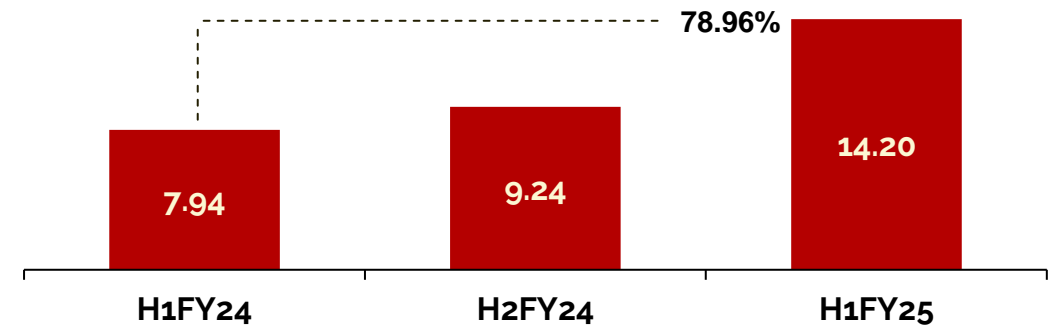
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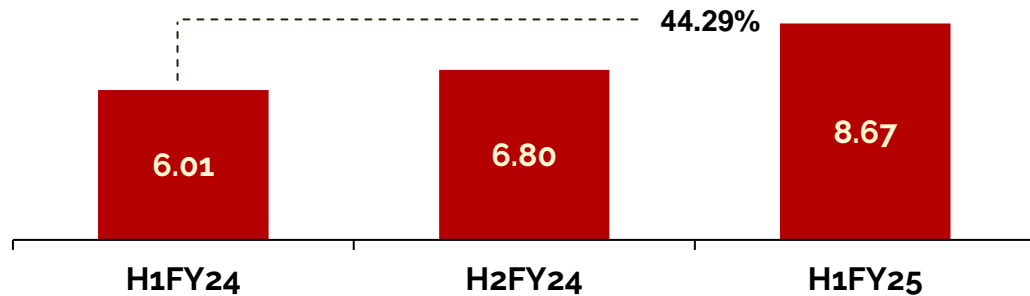
Revenue (Rs. Cr)



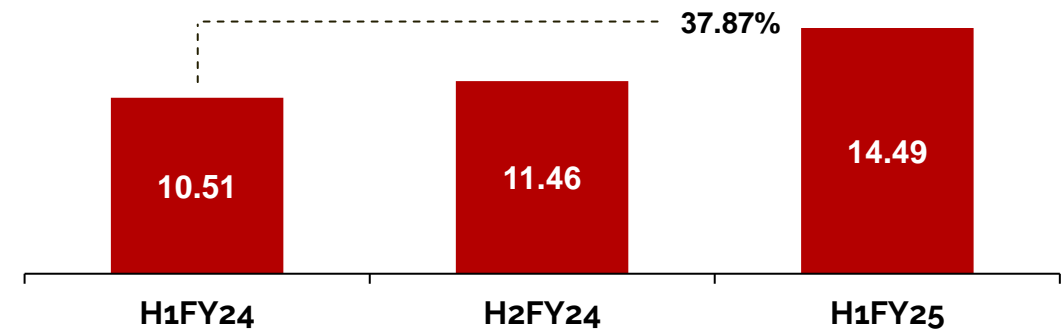
EBITDA (Rs. Cr)



Net Profit (Rs. Cr)



EPS (Rs.)



ORDER BOOK BREAKUP



Particulars (Amount in Rs. Cr)	FY23		FY24		H1FY25
Opening Order Book	30.06		182.91		196.57
Private Orders Received	11.41		32.07		31.41
Private Orders Executed	10.04		28.40		19.03
Govt. Order Received	45.63		66.38		28.76
Govt. Orders Executed	40.16		56.40		30.89
Closing Order Book (Consolidated)	36.91		196.57		206.81
Standalone Business					
Total Orders Received	57.04		82.19		38.06
Total Orders Executed	50.20		65.33		36.38
Advanced Rail Controls Private Limited					
Total Orders Received			16.27		22.11
Total Orders Executed			19.47		13.54

INCOME STATEMENT - H1FY25

CONSOLIDATED



Amounts in Cr	H1FY25	H2FY24	H1FY24	YoY%	HoH%
Revenue From Operations	49.75	35.07	30.45	63.41%	41.86%
Total Expenditure	35.55	25.83	22.51	57.93%	37.65%
EBITDA	14.20	9.24	7.94	78.96%	53.64%
EBITDA Margin (%)	28.54%	26.36%	26.06%	248 bps	29 bps
Other Income	1.17	0.66	0.43	172.94%	77.29%
Depreciation	0.7	0.33	0.20	277.49%	135.64%
PBIT	14.60	9.58	8.16	78.95%	52.48%
Interest	2.33	0.09	0.06	3,782.64%	2,616.94%
Profit/Loss from Assoc. Ent.	-0.17	-0.17	-0.06	161.16%	-2.58%
Profit Before Tax	12.11	9.32	8.04	50.69%	29.94%
Tax	3.45	2.52	2.03	69.60%	36.88%
Profit After Tax	8.67	6.80	6.01	44.29%	27.37%
PAT Margin (%)	17.42%	19.40%	19.72%	231 bps	33 bps
Earnings Per Share	14.49	11.46	10.51	37.87%	26.44%



63%

Revenue YoY



79%

EBITDA YoY



44%

PAT YoY

BALANCE SHEET

CONSOLIDATED



(Rs. in Cr)

Equity & Liabilities	FY23	FY24	H1FY25
Share Capital	5.71	5.98	5.98
Reserves & Surplus	15.52	40.21	48.49
Minority Interest	0.00	0.00	0.48
Total Equity	21.24	46.19	54.95
Long Term Borrowings	0.29	0.12	12.78
Long Term Provision	0.39	0.50	1.65
Non-Current Liabilities	0.68	0.62	14.43
Short Term Borrowings	2.37	2.58	15.77
Trade Payables	2.27	4.58	5.87
Other Current Liabilities	1.09	1.56	11.58
Short Term Provisions	2.29	4.70	3.36
Current Liabilities	8.02	13.42	36.57
Total Equity & Liabilities	29.93	60.23	105.95

(Rs. in Cr)

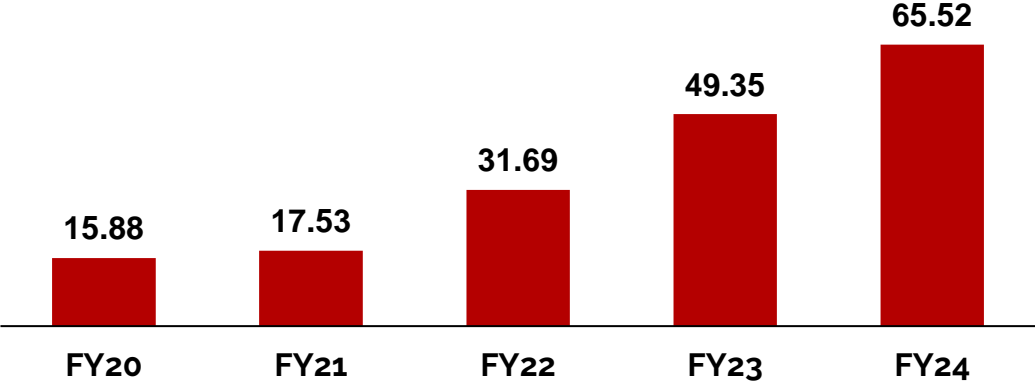
Assets	FY23	FY24	H1FY25
Fixed Asset	2.07	3.13	19.38
Intangible Asset	0.01	0.00	3.83
Intangible assets under Development	0.00	0.00	0.92
Non-Current Investments	0.00	4.27	4.11
Deferred Tax Assets	0.20	0.30	0.34
Long Term Loans and Advances	2.35	3.87	7.69
Other Non-Current Asset	0.58	0.58	2.32
Non - Current Assets	5.22	12.15	38.58
Investment	1.55	0.00	0.00
Inventories	2.55	3.28	33.52
Trade Receivables	9.00	14.93	19.07
Cash & Cash Equivalents	9.28	23.70	10.12
Short Term Loans and Advances	2.23	5.14	4.10
Other Current Assets	0.12	1.03	0.55
Current Assets	24.72	48.08	67.37
Total Assets	29.93	60.23	105.95

ANNUAL HIGHLIGHTS

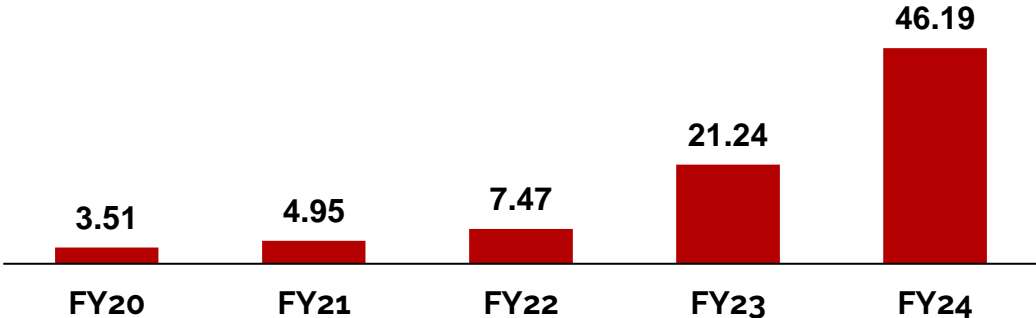
CONSOLIDATED



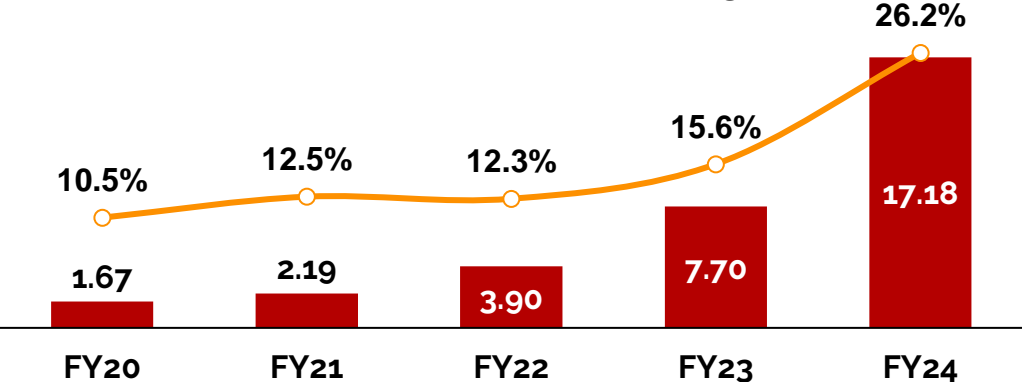
Revenue (Rs. Cr)



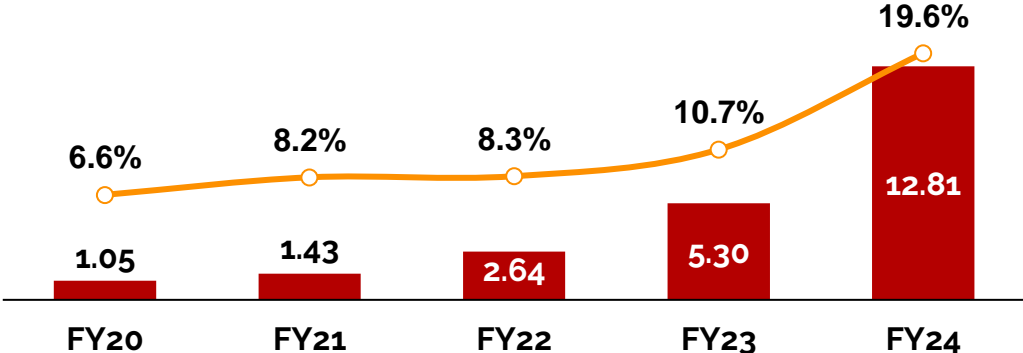
Net Worth (Rs. Cr)



EBITDA (Rs. Cr) & EBITDA Margin (%)



PAT (Rs. Cr) & PAT Margin (%)



ANNUAL INCOME STATEMENT

CONSOLIDATED



44%

Revenue CAGR FY22-24

110%

EBITDA CAGR FY22-24

120%

PAT CAGR FY22-24

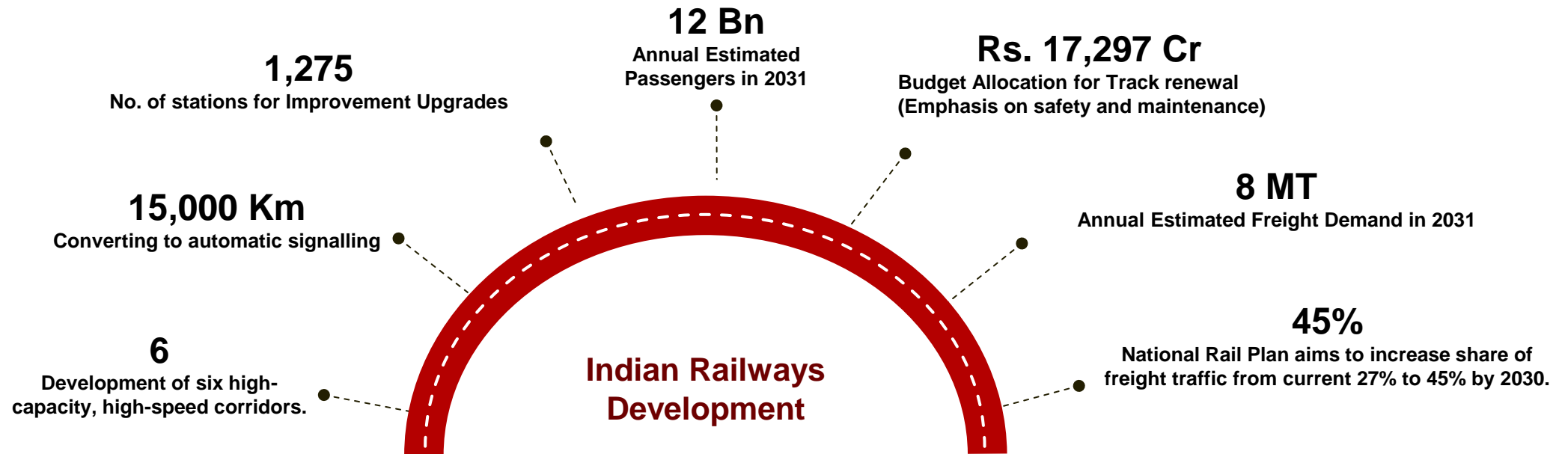
Amount in Rs. Cr	FY22	FY23	FY24
Revenue From Operations	31.70	49.35	65.52
Total Expenditure	27.79	41.67	48.34
EBITDA	3.90	7.69	17.18
EBITDA Margin (%)	12.31	15.57	26.22
Other Income	0.04	0.27	1.09
Depreciation	0.37	0.51	0.53
PBIT	3.57	7.44	17.74
Interest	0.11	0.06	0.15
Profit/(Loss) from Associated Enterprises			(0.23)
Profit Before Tax	3.46	7.38	17.36
Tax	0.82	2.08	4.55
Profit After Tax	2.64	5.30	12.81
PAT Margin (%)	8.34	10.74	19.55
Earnings Per Share (Rs)	132.09	10.74	21.97



Industry Overview



INDIAN RAILWAY SECTOR



Aims to become the Largest green railway network in the world



4th Largest globally, trailing only US, Russia, and China



Interim Budget (FY25) allocated Rs 2,52,200 crore to Railways as Gross Budgetary Support



Net Zero Carbon Emission by 2030

EMBEDDED CONTROL SYSTEMS



Embedded systems are application-specific combinations of electronic hardware and software that are embedded to meet specific system requirements

Source: <https://www.snsinsider.com/reports/embedded-systems-market-2647>

Global Market

USD 172 billion

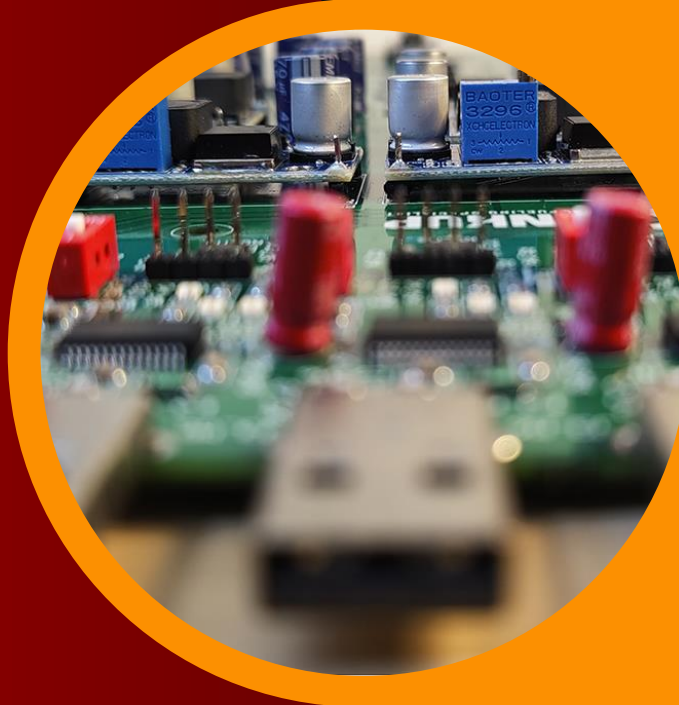
- Projected to reach USD 172 billion by 2031 at a CAGR of 6.97% from 2023 to 2031
- Valued at USD 100.12 billion in 2023 (estimated)

Key Drivers

- Increase in the number of embedded system-related research and development activities.
- Advancements in advanced packaging systems for semiconductor products.
- Demand for portable devices with embedded systems is increasing.



Annexures

A decorative graphic consisting of four yellow chevrons pointing to the right, positioned below the title.

AWARDS & ACHIEVEMENTS

Among Top 5 SME
Listed Company

ISO: 9001:2015 certified
organization

Approved Vendor

- Research Design and Standards Organization (RDSO)
- Chitranjan Loco Works (CLW)
- Integral Coach Factory (ICF)



INNOTRANS PARTICIPATION, BERLIN

ARC's Successful Participation in
Innotrans, Berlin

InnoTrans



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