

Doug Donahue

VP, Business Development

Entrada Gréup.com



AGENDA

- Latest Trends
 - The push & pull of wire harness manufacturing in Mexico
- On the Horizon
 - How wire harness makers are handling Mexico's growth & wage pressures
- Room to Grow
 - Adding value beyond wire harnesses
- Barriers to Mexico & Some Advice
- Cost Model Review
- Questions & Answers

IN THEIR OWN WORDS



Nick Coulter, Operations Manager
 Electrex



 John White, EVP, Operations of Industrial Solutions Group Telamon



Dave Ritland, President
 The Sentral Group



Pressure on Cost is Only Intensifying

The Push

- OEMs and Tier Ones are demanding lower costs every day, while expecting more value-add
- Constantly being asked to provide quotes for projects
- The need for a low-cost country (LCC) in order to retain existing business



Pressure on Cost is Only Intensifying

The Pull

- Losing out on projects to competitors with Mexico operations
- The potential for growth in Mexico 44 Free Trade
 Agreements with global partners

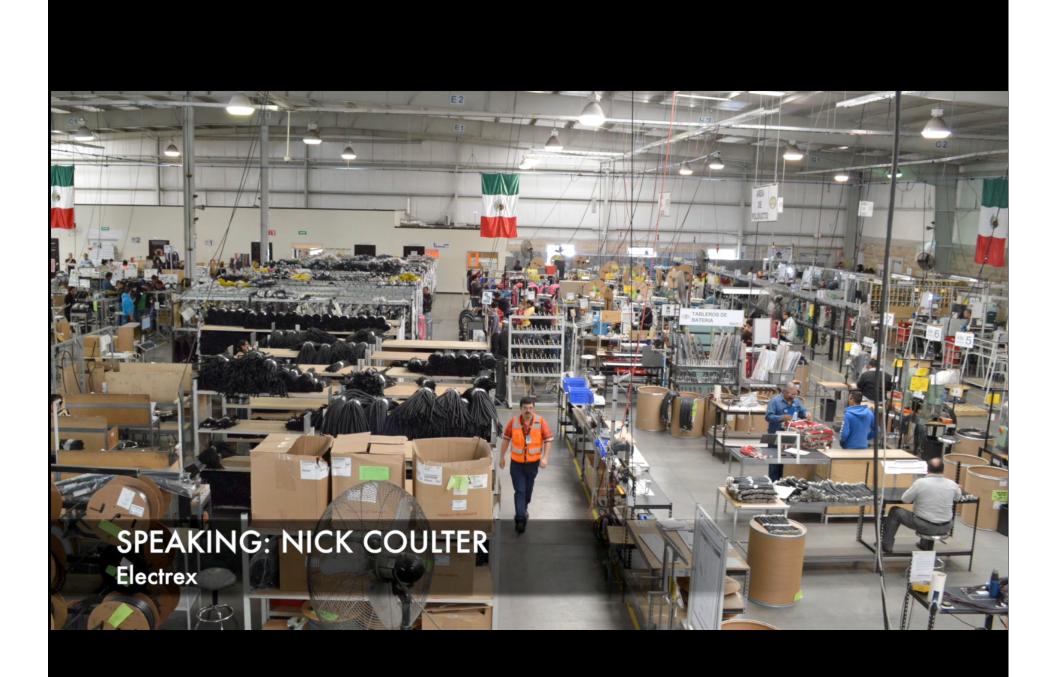




"Mexican-izing" of Operations

- Management becomes more Mexican
- Mexican Operations becoming more automated
- Further integration of production within Mexico





Supply Chain Needs to be Local Cuts Inventory & Border Costs

 Wire harness, component makers and capital machinery will move to Mexico for direct sales

OR

 Distribution centers need to be set up in Mexico and pricing structures need to be established that are the same or cheaper than in US

OR

 In conjunction with our clients, Entrada is exploring setting up "stores" with our clients' suppliers where they can hold inventory and only bill once materials are pulled







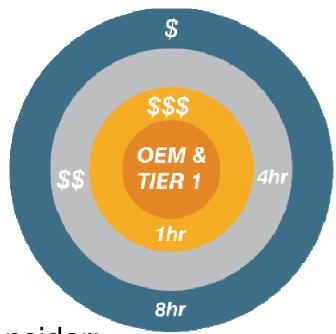
Hourly Wages

Year		Entry	6 Months
2016	Pesos Cost	\$103.00	\$114.20
	per Hr. @ 17.85	\$1.52	\$1.67
2015	Pesos Cost	\$86.00	\$96.00
	per Hr. @ 16.57	\$1.52	\$1.69
2014	Pesos Cost per Hr. @ 13.29	\$78.00	\$88.64
		\$1.55	\$1.73
2012	Pesos Cost 2013 per Hr. @ 12.45	\$75.00	\$86.00
2013		\$1.65	\$1.86
2010	Pesos Cost per Hr. @ 12.21	\$63.31	\$78.00
		\$1.36	\$1.68



The Balance of Location & Position

- OEMs & Tier Ones coming to town affects wages
 - They want you close but you want to be far away to protect your cost structure



Another question to consider:

Does the local/state government want you there in the first place?

Income Tax

- Changes to IMMEX laws
- Mexican Government wants to be able to tax a fair share of the value created in Mexico
- Predominantly affects companies operating without a permanent establishment in Mexico
- 4 years after initial contract, companies will be expected to pay income tax to the Mexican Government – either directly or through a partner

The Nicaraguan Threat



The Pros:

- Two large global players (Japan's Yazaki & Germany's Dräxlmaier) employ 15,000 people
- Low-cost labor
- Integrating into global economy

Hourly Wages – Nicaragua



\$1.03

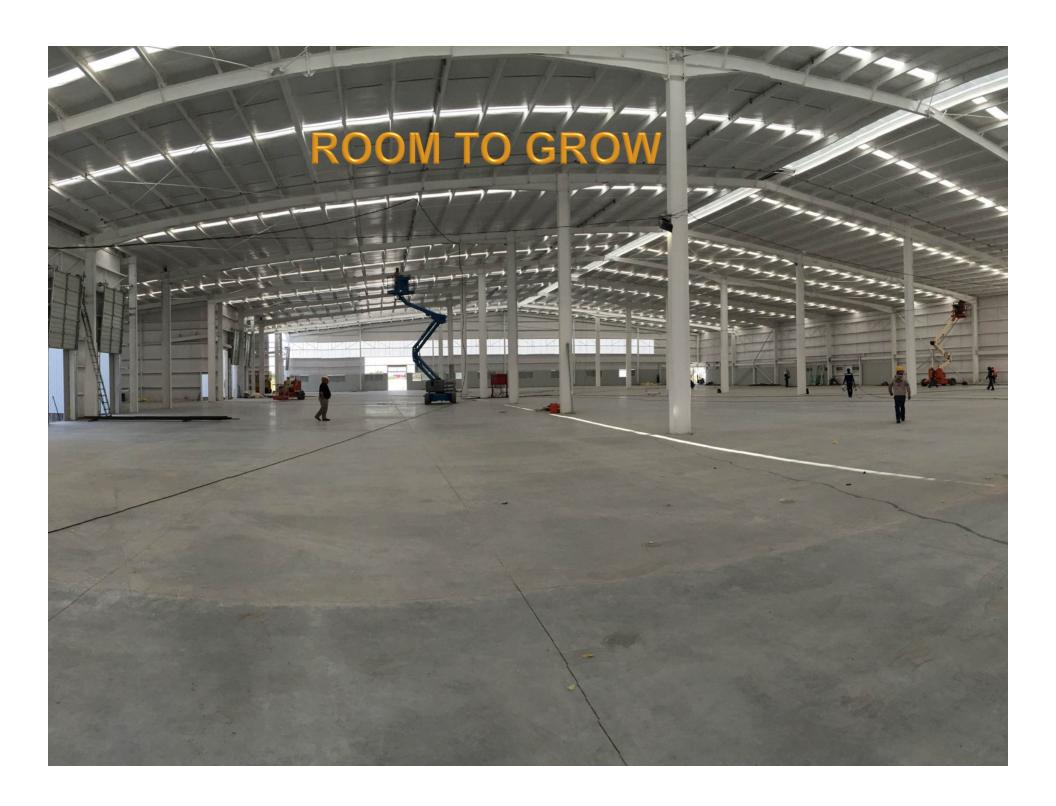
Minimum hourly wage rates in USD for direct operators, wire harness <u>Note</u>: Wages are "fully loaded" (social security, holidays, vacations, severance, 13th month check, etc.)

The Nicaraguan Threat



The Cons:

- Freight of finished goods to North America
- Management talent
- Political: Daniel Ortega
- Supply base





ROOM TO GROW

- Suppliers seeking opportunities to grow and add value beyond wire harnesses
- Transitioning to high-mix, low-volume products
- Mexico footprint enabling new client growth







BARRIERS TO MEXICO

- Putting the right management in place
- Customer acceptance of quality
- Identifying the right partner to facilitate
 Mexico operations and bureaucracy





THE IMPORTANCE OF NEEC

- Access to fast track lanes at the U.S./Mexico border.
- Exclusive faster-clearance lanes (e.g. red light inspections).
- Inspection of goods through non-intrusive methods (gamma and x rays).
- Faster inspections in cases of "red" (from 3 hours to 1).
- Minimal of "red" inspections (EG has less than 3% – vs. 10% avg).
- Access to customs process for correction of errors, without embargo of merchandise.

- No use of express lanes for import/export.
- No exclusive lanes unpredictable wait times.
- Time consuming manual inspection – removing boxes off trucks, opening each box, reloading on truck.
- Inspections last a minimum of 3 hours.
- A minimum of 10% "red" inspections based on customs declarations.
- No correction of errors, with the embargo of merchandise possible.

THE IMPORTANCE OF NEEC (Cont'd)

- hours customs operations
 Extended (open on holidays).
- Able to return raw materials & products in 3 yrs, including goods received by virtual import.
- No need to ask for extension of the Maquiladora (IMMEX) permit to import components essential to your manufacturing process.
- Ability to utilize V5 transfers –
 Manufacturers' shipments to
 Mexican company for sales in
 Mexico, without goods passing
 through Mexican customs.
- No ability to utilize V5 transfers.

- No extended hours for customs operations.
- Must return goods in 18 months or 6 months for virtual import.
- Must request for program
 extension when importing
 components essential to your
 manufacturing process.
- Requirement of additional process for approval of Maquila services.
- Automatic authorization for Maquila services – transfer of raw materials to another IMMEX company.





Client Cost Analysis

Automotive Client					
Quarterly Operational Costs					
	M²	Ft²			
Surface Area	5.574,182	60.000			
Headcount (average)	238				
	February 2011	March 2011	April 2011	Q Total	
	\$	\$	\$	\$	
Reimbursable Expenses					
Payroll Reimbursable Expenses	1.258.490,08	1.737.906,66	1.335.121,63	4.331.518,37	
Facility Fee Expenses	276.785,44	302.354,06	295.254,89	874.394,39	
Border Crossing & Freight Costs	200.003,91	264.780,34	118.233,12	583.017,37	
General Reimbursable & Administrative Expenses	224.306,97	240.006,58	225.530,07	689.843,61	
Total Expenses (MX Pesos)	1.959.586,40	2.545.047,64	1.974.139,71	6.478.773,74	
Total Expenses (US Dlls - ex rate MX\$11.50 / \$1 US)	170.398,82	221.308,49	171.664,32	563.371,63	
Hours Worked per Month	42.082,38	56.354,75	43.194,29	141.631,42	
Price per Hour	4,05	3,93	3,97	3,98	

Lawn & Garden, Marine Client					
Quarterly Operational Costs					
	M²	Ft²			
Surface Area	4.180,636	45.000			
Headcount (average)	418				
	February 2011	March 2011	April 2011	Q Total	
	\$	\$	\$	\$	
Reimbursable Expenses					
Payroll Reimbursable Expenses	2.104.899,63	2.777.913,23	2.300.006,42	7.182.819,28	
Facility Fee Expenses	196.818,66	195.595,01	445.552,28	837.965,95	
Border Crossing & Freight Costs	401.744,29	386.740,36	396.682,79	1.185.167,44	
General Reimbursable & Administrative Expenses	479.920,04	646.903,08	505.707,18	1.632.530,30	
Total Expenses (MX Pesos)	3.183.382,62	4.007.151,68	3.647.948,67	10.838.482,97	
Total Expenses (US Dlls - ex rate MX\$11.50 / \$1 US)	276.815,88	348.447,97	317.212,93	942.476,78	
Hours Worked per Month	81.409,34	107.927,19	82.913,19	272.249,72	
Price per Hour	3,31	3,16	3,74	3,38	

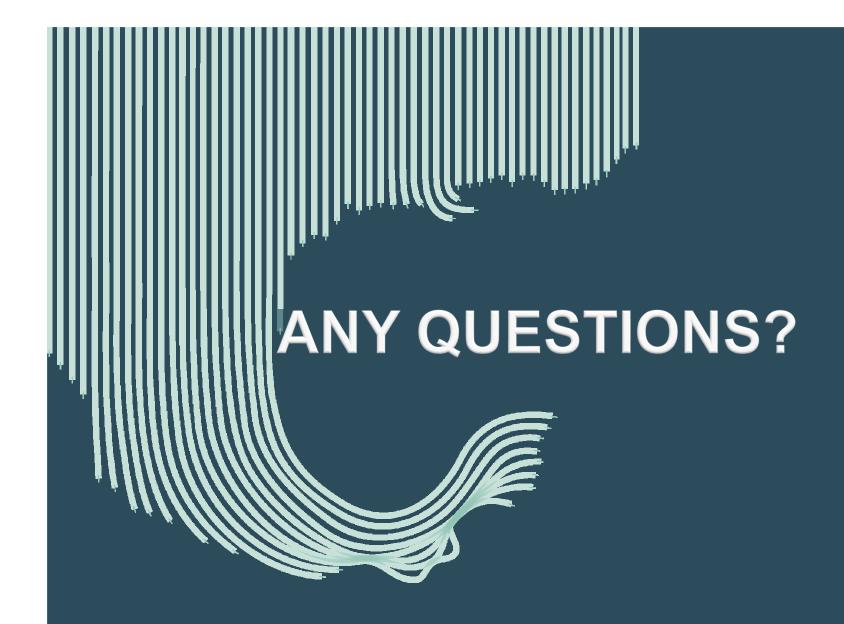
Automotive, Heavy Truck & Marine Client					
Quarterly Operational Costs					
	M ²	Ft²			
Surface Area	3.158,703	34.000			
Headcount (average)	209				
	February 2011	March 2011	April 2011	Q Total	
	\$	\$	\$	\$	
Reimbursable Expenses					
Payroll Reimbursable Expenses	1.204.825,02	1.435.125,06	1.187.192,16	3.827.142,24	
Facility Fee Expenses	201.495,43	199.501,11	196.938,88	597.935,42	
Border Crossing & Freight Costs	304.748,94	315.605,17	246.046,04	866.400,15	
General Reimbursable & Administrative Expenses	224.537,94	230.371,80	220.646,04	675.555,78	
Total Expenses (MX Pesos)	1.935.607,33	2.180.603,14	1.850.823,12	5.967.033,59	
Total Expenses (US Dlls - ex rate MX\$11.50 / \$1 US)	168.313,68	189.617,66	160.941,14	518.872,49	
Hours Worked per Month	40.423,10	45.726,61	36.885,01	123.034,72	
Price per Hour	4,16	4,15	4,36	4,22	

Construction Equipment & Off Road Client					
Quarterly Operational Costs					
	M²	Ft²			
Surface Area	3.251,606	35.000			
Headcount (average)	58				
	February 2011	March 2011	April 2011	Q Total	
	\$	\$	\$	\$	
Reimbursable Expenses					
Payroll Reimbursable Expenses	326.954,62	441.023,40	373.160,53	1.141.138,55	
Facility Fee Expenses	114.603,25	113.468,95	111.235,50	339.307,70	
Border Crossing & Freight Costs	38.207,33	53.205,41	45.667,12	91.412,74	
General Reimbursable & Administrative Expenses	81.101,13	85.380,28	82.649,91	249.131,32	
Total Expenses (MX Pesos)	560.866,33	693.078,04	567.045,94	1.820.990,31	
Total Expenses (US DIIs - ex rate MX\$11.50 / \$1 US)	48.770,99	60.267,66	49.308,34	158.346,98	
Hours Worked per Month	10.252,24	14.142,37	11.660,22	36.054,83	
Price per Hour	4,76	4,26	4,23	4,39	

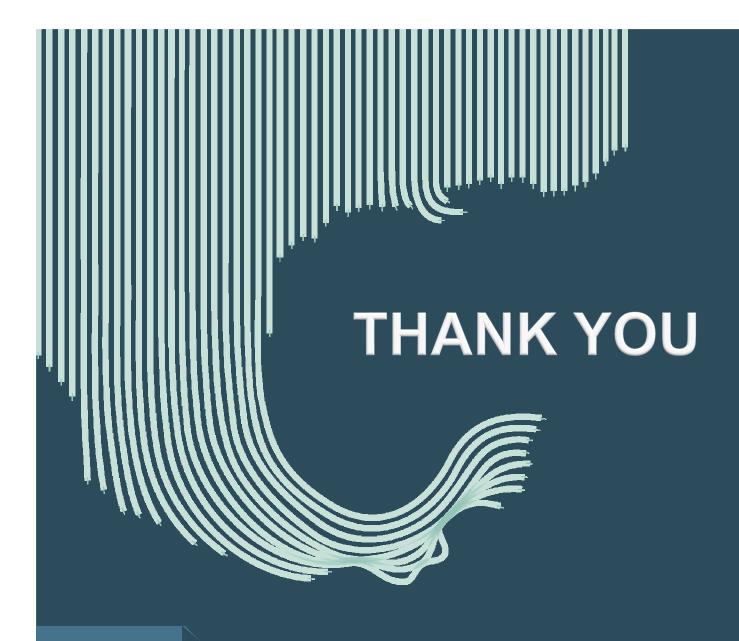
ENTRADA'S TURNKEY SYSTEM TO LONG-TERM GROWTH

More than two decades of experience in central Mexico, helping companies establish and run their own local production.





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Contact Us

Doug Donahue

V.P., Business Development

T+1 210 828 8300

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