



M2M Shop Floor to Top Floor Information in Real-time

Certain statements in this disclosure may constitute “forward-looking” statements which involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements.

When used in this disclosure, such statements use such words as “may”, “would”, “could”, “will”, “intend”, “expect”, “believe”, “plan”, “anticipate”, “estimate”, and other similar terminology. These statements reflect the Corporation’s current expectations regarding future events and operating performance and speak only as of the date of this disclosure. Forward-looking statements involve significant risks and uncertainties, should not be read as guarantees of future performance or results, and will not necessarily be accurate indications of whether or not such results will be achieved. A number of factors could cause actual results to differ materially from the results discussed in the forward-looking statements, including, but not limited to, the factors discussed below.

For example, disclosures may contain forward-looking statements pertaining to the following subject matter: capital expenditure programs; supply and demand for the Corporation’s products and services and industry activity levels; commodity prices; income tax considerations; and, treatments under governmental regulatory regimes.

No securities commission or other similar regulatory authority has passed on the merits of the securities described herein. Nor has any securities commission or similar regulatory authority reviewed this presentation and any representation to the contrary is an offense.

All dollar figures are in Canadian currency unless otherwise stated.

- Astrix Networks Inc. (TSXV: OEE) operates as Memex Automation (“Memex”)
- Memex is a M2M company that develops and sells hardware and software solutions to the manufacturing sector
- Its product, MERLIN, is the first M2M connectivity and business intelligence tool designed for the factory
- MERLIN is an award winning M2M solution (PEM and Frost & Sullivan)
 - Connects management to its manufacturing assets
 - Measures plant capacity and its utilization in real-time
 - Defines the root causes of downtime and bottlenecks
 - Improves revenue and margin per asset

The Problem

Manufacturing machines don't communicate with management in real-time:

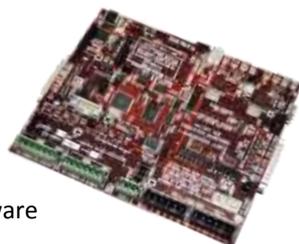
- 20 generations of 60+ manufacturers machines and 8 unique computers
- All speak different languages - 1500 protocols
- Disconnected from management's decision making process
- Creates inefficiencies in manufacturing process

The Solution

Part 1 – MTConnect: created by the MTConnect Institute for the Association for Manufacturing Technology

- MTConnect is an XML, open-source, royalty-free communication protocol that enables all machines to speak the same language
- Memex's CTO, Dave Edstrom, is the former President & Chairman of the MTConnect Institute and was instrumental to the creation of the MTConnect Standard

Part 2 – MERLIN



MERLIN Hardware



MERLIN Software

- **MERLIN** is the first M2M solution to embed MTConnect, enabling ALL manufacturing equipment to communicate XML in real-time
- **MERLIN** connects machines to management, increasing revenue and margins

\$320 Billion Global Market

- 16 million Computerized Numerical Control (CNC) machine tools installed (ARC Advisory)
- 3 other assets per CNC in each factory
- Only 2% - 3% of assets are connected

Example of Possible Memex Roll Out:

Trial Stage Adoption:

- 70 clients x 3 machines @ \$5,000 = \$1MM

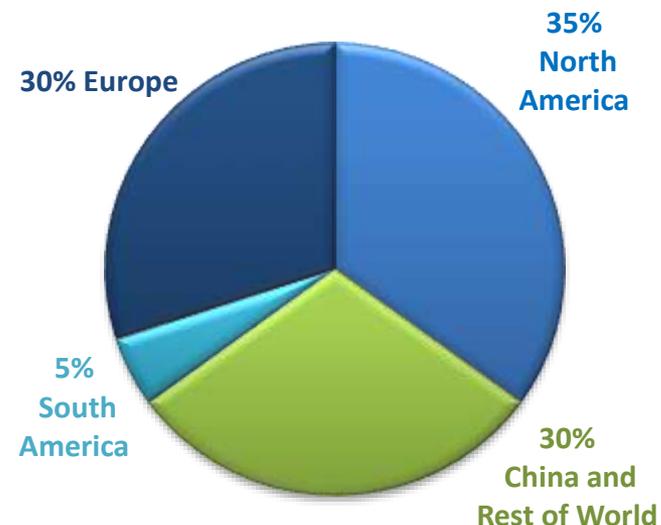
Possible Follow-on Adoption:

- 70 clients x 10 machines @ \$5,000 = \$3.5MM

Possible Company-wide Adoption:

- 70 clients x 150 machines @ \$5,000 = \$52.5MM

INSTALLATION LOCATION



Manufacturing Execution Real-Time Lean Information Network

How does MERLIN work?

- Hardware is connected to any type of machine, regardless of age or make
- Production data is captured, analyzed and sent to management in real-time

What does MERLIN do?

- Measures a plant's total production capacity on a machine-by-machine basis
- Identifies production bottlenecks per factory, line, cell and machine
- Identifies downtime to its root cause
- Defines how to generate more revenue and margin per asset in real-time

MERLIN adds value for manufacturers

- Connects and measures plant capacity and its utilization in real-time
- Monetizes un-used machine time
- Increases production per shift, revenue and margin per asset

MONETIZATION OF VALUE

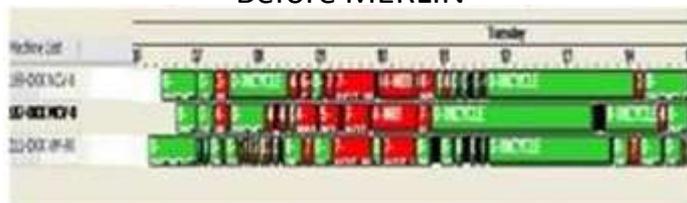
Case Study: Magellan Aerospace

Pilot installation on 3 assets, now 9 installed... leading to new corporate standard (11 plants)?

- \$20,000 investment resulted in \$480,000 of additional production in the first year
- Breakeven: 20 days
- IRR: 2300%

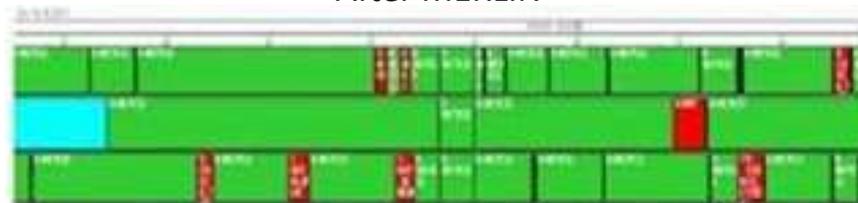
Machine Utilization

Before MERLIN



33% Utilization Rate

After MERLIN



85% Utilization Rate

Converted 100 hours per machine per month of idle time (red) to production (green).

MERLIN identified idle time to its root cause and converted it back to production.

Result: Magellan increased revenue per asset and margin per part.*

MONETIZATION OF VALUE

Case Study: Mazak

Installation in Mazak's 800,000 sq. ft. plant – Florence, Kentucky

- #1 machine tool OEM, 100 year old Japanese manufacturing company
- Focused on achieving productivity improvements of 1%
- Installed MERLIN in November 2013 and became Channel Partner: MERLIN on price list
- In April 2014, Mazak published a 42% increase in utilization of equipment*

“Mazak’s MTConnect implementation provided the highest ROI for any capital investment because of the significant increase in utilization of equipment for a very moderate expenditure.”
– Brian Papke, President

Result: Mazak achieved significant productivity increases, has become a reseller in its two North American divisions and is slated to install MERLIN in 1 of 7 plants in Japan.

*Published in Automation.com, April 2014

70 Installations – North America, Europe & Middle East



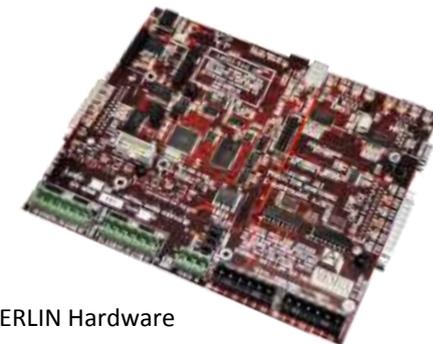
- MERLIN is the result of significant R&D
- 3 year commitment has built the sales pipeline
- 70 installations and significant channel relationships can now be leveraged

MERLIN 3.0, next generation: Q4 2015

- Will focus on Financial OEE (F-OEE)
- F-OEE measures margin contribution per machine hour in real-time
- Forecast to be the BI Tool of choice of Manufacturing globally

Hardware & Software Sales:

- Price: US \$4,000 - \$6,000 per asset, installed
- COGS < 20% - 2 years audited



MERLIN Hardware

Annual Maintenance – annuity revenue:

- 15% of software sales

Future:

- CAPX as OPX sale - small monthly payments
- SaaS, lease, rental models
- Revenue sharing model based on converting idle time into revenue
- Professional services: opportunity to leverage MERLIN's productivity data into consulting revenue



MERLIN Software

Memex has developed distribution channels to deliver revenue growth:

- Mazak – #1 global OEM uses MERLIN, is a reseller via 2 NA divisions
- Okuma – #2 global OEM machine tool builder, partners with MERLIN in its strategic technology offering (THINC)
- Microsoft Dynamics ERP – VARS are MERLIN resellers
- Steiner Electric, major industrial supplier to Midwestern US market – MERLIN reseller

Channel Manager Hired

- Rick Mosca, a veteran of the tech industry, hired, now growing USA channels

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| <p>David R. McPhail President & CEO, Director</p> | <p>Mr. McPhail has 25 years experience in technology integration, including leading Process Systems Integration from start-up to \$5M revenue in 3 years. David is responsible for transitioning MERLIN to a global manufacturing M2M platform solution.</p> |
| <p>David Allen Edstrom Chief Technology Officer</p> | <p>Mr. Edstrom was recently President and Chairman of the Board of the MTConnect Institute, where he was instrumental in the creation of the MTConnect Standard. Prior, Mr. Edstrom has spent 35+ years in the computer industry, 23 with Sun Microsystems, where his final leadership position was CTO Global Software.</p> |
| <p>John R Rattray, BSc. Hons VP Sales and Marketing</p> | <p>Mr. Rattray has 35+ years of technology sales with top ERP software vendors including SAP and Oracle.</p> |
| <p>Edward A. Crymble, CA, CPA CFO, Director</p> | <p>Mr. Crymble comes to Astrix from a public practice where he provided accounting, income tax and business development advice to small and medium sized business for more than 10 years. His background includes senior management positions with two multi-national companies that traded on the Toronto Stock Exchange.</p> |
| <p>Thomas Smeenck, BA Hons VP Business Development</p> | <p>Mr. Smeenck was previously Vice-President Business Development, TheraVitae Inc. from August 2007 until May 2012. As CEO or Vice-President, Mr. Smeenck has financed and managed three public companies: President, Tyranex Gold Inc., President & CEO, IBI Corporation and President, e-Manufacturing Networks Inc.</p> |
| <p>Rick Mosca, COO, USA</p> | <p>Mr. Mosca is an IT executive with special expertise in leading all facets of the business including client facing revenue development, sales channel development, applications development and enterprise systems delivery. From February 2009 to October 2014, Mr. Mosca was Vice-President of Consulting Services, Mind over Machines, where he was responsible for all sales, development and operations activities</p> |

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| <p>Peter Lacey Red Deer, AB Director</p> | <p>Mr. Lacey owns and holds the position of Executive Chairman of Cervus Equipment Corporation – CVL - a public company listed on the Toronto Stock Exchange that acquires and manages authorized agricultural, commercial, industrial and transportation equipment dealerships. Prior, Mr. Lacey was the President and CEO and a Director of Cervus Equipment Corporation since 1998.</p> |
| <p>Robert E. Chafee Etobicoke, ON Director</p> | <p>Mr. Chafee serves as the Chairman of Tonolli Canada Inc. Mr. Chafee is involved in the directorship and ownership of Club Coffee; Morrison Lamothe; Etobicoke Ironworks Ltd.; Andamios Atlas, a scaffold and shoring rental and manufacturing company in Mexico; Volume Tank Transport; Wingex Transport; TCS Transport; Armbro Transport; Hardrock Mining Company, a Sudbury based supplier of specialty drill steel products.</p> |
| <p>Richard E. Morley Mason, New Hampshire Director</p> | <p>Richard (Dick) E. Morley has been an engineering consultant to Memex through his company, R Morley Inc. since 1983. He is best known as the father of the PLC - programmable controller. He is an entrepreneur in the founding of 100 high technology companies. Mr. Morley is the recipient of the Franklin Institute’s prestigious Howard N. Potts Award and is an inductee of the Automation Hall of Fame. He holds more than twenty US and foreign patents. He is Past Chairman of the Board of National Center of Manufacturing Sciences (NCMS), past Director at Large for the Society Manufacturing Engineers (SME).</p> |
| <p>Joe Brennan Calgary, AB Director</p> | <p>Mr. Brennan is a partner with the Calgary based tax and business law firm of Shea Nerland Calnan LLP. Mr. Brennan’s practice has focused primarily on corporate finance and mergers and acquisitions. He has advised numerous private and public companies in that capacity. Mr. Brennan received a Bachelor of Laws degree from the University of Alberta in 1996 and was admitted to the Law Society of Alberta in 1997. Mr. Brennan was the executive officer of the CPC and therefore is not “independent.”</p> |
| <p>Scott Kaplanis, Toronto, ON Director</p> | <p>Mr. Kaplanis has more than 10 years of experience in Canadian capital markets and is currently a partner and portfolio manager at Epic Capital Management Inc. (“Epic”), a boutique Toronto-based investment firm. Epic has actively invested in Canadian small- and micro-caps since 2000 and has been a part of many successful growth stories. Prior to joining Epic, Mr. Kaplanis worked as a Special Situations Equity Research Analyst at Macquarie Capital Markets Canada. Mr. Kaplanis holds an HBA degree from the Richard Ivey School of Business and is a CFA Charterholder.</p> |

SHARE STRUCTURE

| Trading Symbol | TSXV: OEE |
|------------------------------------|--------------------------|
| Price (November 21, 2014) | \$ 0.11 |
| 52 Week High/Low | \$ 0.20/0.10 |
| Shares Issued & Outstanding | 67 M |
| Warrants & Options | 14.7 M |
| Total Shares, Warrants and Options | 81.7 M |
| Market Capitalization | \$ 7.4 M |
| Legal Advisor | Shea Nerland Calnan LLP |
| Auditor | MNP LLP |
| Transfer Agent | Computershare |
| Recent Capital | \$2,000,000 (summer '14) |
| Insider Ownership | 47.5 % |
| Independent Directors only | 5.6 % |

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