



Eastern Improvement: Leveraging a consistent grading system

June 13, 2019 | 11:00 a.m. to 11:30 a.m.

Outline

- Introduction
- Situational analysis
- Impact on mill
 - Timmins sawmill
 - Elk Lake sawmill
 - Nairn Centre sawmill
- Partnership



Introduction

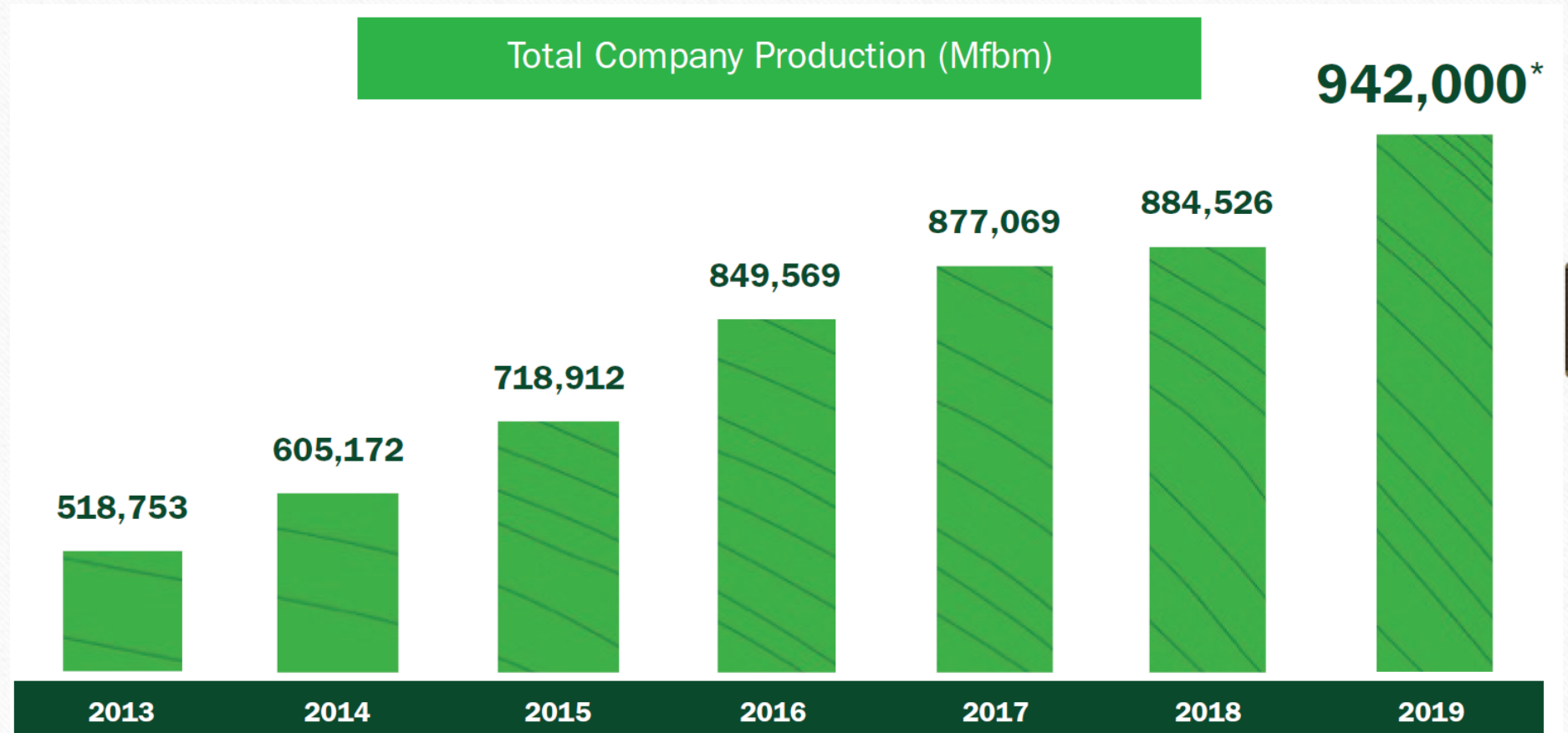
Eacom Timber Corporation

- Major Eastern Canadian wood products company
- Head office located in Montréal (QC) Canada
- Regional offices located in Timmins (ON) & Val d'Or (QC)
- Acquired Domtar Forest Products Division in 2010
- Owns 7 sawmills (5 in Ontario, 2 in Québec), a remanufacturing facility (Québec) & an engineered I-joists plant (Ontario)
- Total number of employees @ 1,100
- Production capacity of approximately 900 million board feet of lumber





Production Growth (2013 – 2019)



**Projected production*



Introduction

Autolog

- A world-class leader in vision, optimization and automation for the lumber industry
- Head office located in Blainville (QC) Canada
- Satellite office located in downtown Montréal (QC) Canada
- Total number of employees @ 125
- In operation since 1987 (32 years)



Situational Analysis

- Outdated technology in planer mills
- Needed to:
 - Modernize equipment to stay competitive
 - Maximize fiber value
 - Gain better performance stability
 - Achieve greater grading flexibility



PRO GRADER



- A linear optimization system for automatic lumber grading
- Processes all dimensions between 1" x 3" to 6" x 12", 6' and up
- Operates up to 3,000'/min. in all dimensions
- Requires only 6" of gap between pieces
- Return on investment in less than one year



Timmins Sawmill

- Capacity:
 - Random length mill: 160 MMfbm
- Dressed Product Information:
 - Grades: Premium, #1&2, Stud, #3, Economy
 - Dimensions: 2x3, 2x4, 2x6, 2x8, 2x10
 - Lengths: 8' to 16' (R/L) and 6' to 8' (Stud)



Timmins Sawmill

IMPACT ON MILL:

- Increase in Premium by 21.4%
- Increase in #2 BTR by 2%
- Decrease in trim loss by 2.3%



Elk Lake Sawmill

- Capacity:
 - Random length mill: 150 MMfbm
- Dressed Product Information:
 - Grades: Premium, #1-2, Stud, #3, Economy
 - Dimensions: 2x3, 2x4, 2x6, 2x8, 2x10
 - Lengths: 6' to 16'



Elk Lake Sawmill

IMPACT ON MILL:

- Increase in Premium by 10.9%
- Increase in #2 BTR by 3.5%
- Decrease in trim loss by 0.5%



Nairn Centre Sawmill

- Capacity:
 - Random length mill: 145 MMfbm
- Dressed Product Information:
 - Grades: Premium, MSR, #1-2, Stud, #3, Economy
 - Dimensions: 2x3, 2x4, 2x6, 2x8, 2x10
 - Lengths: 8' to 16'



Nairn Centre Sawmill

IMPACT ON MILL (still in progress):

- Increase in Premium by 5%
- Increase in #2 BTR by 2%
- Decrease in trim loss by 0.25%



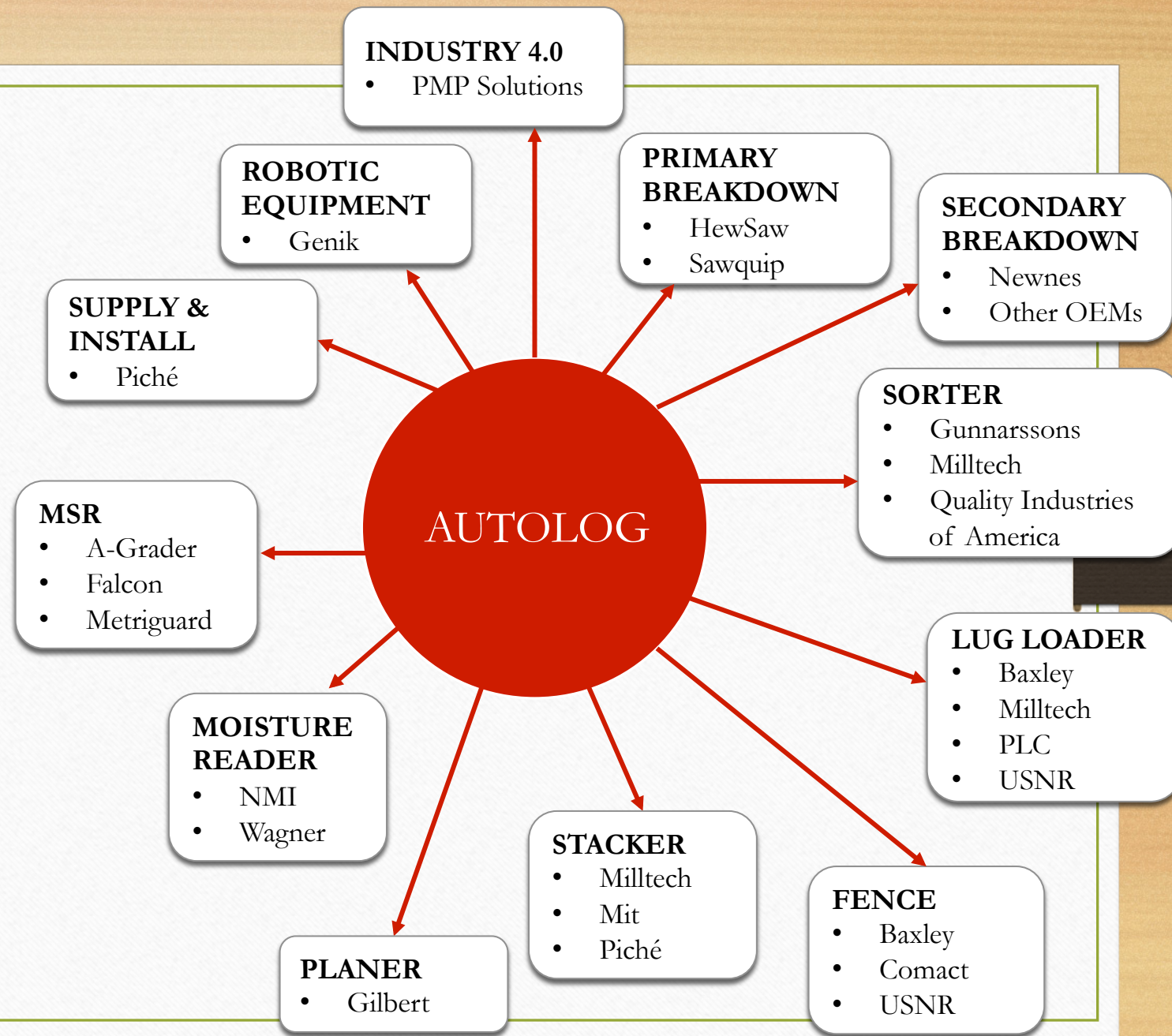
Autolog's goal

To Minimize our customers capital investment while maximizing return

- Where is the best bang for your buck: technology or mechanical investment?
- Should the existing mechanical equipment be kept, repaired or replaced?
- What will best improve lumber recovery, grade yield, reduce trim loss, increase recuperation and production speed?
- Address the real issue, outdated technology

Autolog Solutions

- Autolog's strength is that we offer flexibility being technology centric
- We can control or optimize just about anything in your mill from most primary and secondary vendors
- We leverage existing equipment to improve mill performance
- We are an alternative when improved recovery scenarios are being evaluated

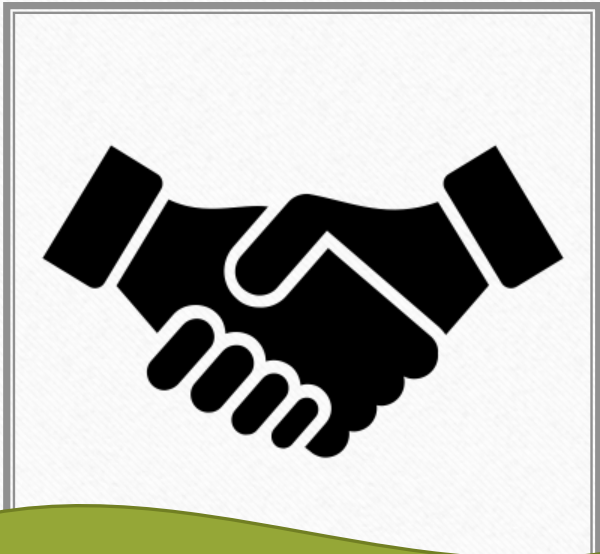


Eacom's partnership with Autolog



- Great collaboration from project scope to after-sales service
- System fitting Eacom's layout: plug and play
- Short and efficient start-up
- Friendly user interface and technology
- Past success with other projects

Eacom's partnership with Autolog



+ 2 new trimmer optimizers signed!

- Recurring project success with Autolog's control systems is due to their:
 - ✓ Understanding of our needs from initial project scope
 - ✓ Communication between all parties to ensure efficient and optimum integration of control systems
 - ✓ Collaboration and team work



Thank You! | Questions?