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Senior Management

David Raun
Interim President & CEO
24 years experience at senior management and board levels in public and private companies including over 10 M&A/fund raising events.

John Morrison
Chief Financial Officer
30 years experience in public accounting, and all aspects of financial reporting and financing.
Began career with 15 years at PricewaterhouseCoopers in both the U.S. and Asia.
Who We Are

Design & manufacture specialized High-Performance Edge Computing Systems

Servers, compute accelerators and flash storage

I/O intensive, ruggedized designs

Applications

Artificial intelligence
Medical
Autonomous vehicles
Military
Instrumentation/data collection

Customer Design-ins

Raytheon
National Instruments
Lyft
disguise
Market Opportunity
for Specialized Edge Computing

Problem:
• Immense amounts of data being collected
• Communication protocols too slow for moving data between point of collection and point of processing/analysis at the data center
• Harsh environment outside of data center

Solution:
• Data collection, processing and analysis at the source
• Powered by high-performance edge computing and storage

Outcome:
• Actionable intelligence in real-time, onsite, in the field and on the go
• AI on the Fly®

Source: Marketwatch Aug 20, 2018
## Products

<table>
<thead>
<tr>
<th>Custom Servers</th>
<th>Compute Accelerators</th>
<th>Flash Storage Arrays</th>
<th>I/O Expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>• “Perfect Fit” designs</td>
<td>• High Performance – up to 16 GPUs per system</td>
<td>• High performance</td>
<td>• State-of-the-art PCIe over cable adapters &amp; expansion systems</td>
</tr>
<tr>
<td>• Ruggedized</td>
<td>• Connects to any server via PCIe connections</td>
<td>• High-capacity</td>
<td>• PCIe Gen 4</td>
</tr>
<tr>
<td>• Private label</td>
<td></td>
<td>• Removable canisters</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Rugged, mil-spec, SWaP</td>
<td></td>
</tr>
</tbody>
</table>
AI Computing on the Edge

- **OSS AI on the Fly**® technology provides the power of the datacenter at ‘the edge’
- High performance computing and storage at the point of data collection
- Requires:
  - Expansive I/O
  - Networking and storage technologies
  - High-speed processing
  - Ruggedness for use in harsh and/or mobile environments
AI on the Fly®
Datacenter performance made for ‘the edge’

Raw Data → Data Acquisition → NVMe Storage → Multi GPU Compute Engine → Actionable Intelligence

**Ingest**
- High Speed & High Number IO

**Storage**
- Low Latency & High Throughput

**Compute Analytics**
- ML Inference, Training & Retraining

**Edge**
- Extreme temp, humidity, pressure
- Constrained space & power
- Shock and vibration
- Dirt and dust

**OSS Leadership Expertise**
- PCIe Gen 4.0 design
- High speed signal integrity
- Large scale switch fabrics
- Ruggedized
- Optimized performance
- Customized form factors
- Specialized power design
- Simplified management
OSS Solution

Specialized High-Performance Computing at ‘the Edge’

- Latest technology
  - Compute acceleration – GPU computing
  - High speed storage – Flash storage
- Expansive I/O capability
  - More slots
  - More watts
- Ruggedization
  - Commercial: Industrial/Professional grade
  - Military: Full mil-spec
- Military requirements
  - COTS technology (Commercial Off The Shelf)
  - Reduced SWaP (Size, Weight & Power)

OSS AI on the Fly Example

OSS RF Spectrum Signal Recording & Analysis AI System

- Rugged, modular, rack-level system housed in mobile shelters
- Performs radio frequency spectrum signal analysis in the field
- Sustained ingest, processing & storage
Results & Outlook

Revenue Outlook\(^1\)

- Q4 2019: ~$18.4M, up 28%
- Full Year 2019: ~$58.3M, up 57%
  - Organic growth up 12%

1) Guidance issued on January 22, 2020
Major OEM Customer

**Disguise**

- Video display controllers
- Used for major events: concerts, Super Bowl, awards shows, Olympics, etc.
- New systems moving into virtual studio applications
- Strong run rate
- 5-year $60 million OEM agreement
- Production in U.S. and German facilities
Military Program

- US Navy P8 Poseidon Aircraft
  - OSS designed and certified
    - Mil-spec flash storage array
    - Hardware and software
  - Long-term production - 5 year $36M contract
  - Future mil-spec AI on the Fly® system
Customer Profile

Autonomous Vehicle Design Win

- AI on the Fly system for autonomous vehicles
- OSS providing several electronic elements:
  - GPU interconnection electronics
  - Communication interconnects
- New designs in process

OSS Al on the Fly Intelligent System for Autonomous Vehicles

Artificial intelligence

Ultra-fast Data Processing
Global Presence

San Diego, CA
- Corporate headquarters
- Design and manufacturing

Irvine, CA
- Concept Development (CDI)
- Design and manufacturing

Salt Lake City, UT
- Software design center

Gröbenzell, Germany
- Bressner Technology
- Design and manufacturing
- Supports Europe, Middle East and Africa

Revenue (2019E)
- US 38%
- International 62%
Key Takeaways

- Designer and manufacturer of specialized hardware & software solutions for High-Performance Edge Computing
- High-technology leader
- Significant OEM customers and programs
- Strong revenue growth

Revenue & Outlook

<table>
<thead>
<tr>
<th>Year</th>
<th>Acquisitive</th>
<th>Organic</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>$5.9</td>
<td>$21.6</td>
<td>$28</td>
</tr>
<tr>
<td>2018</td>
<td>$4.5</td>
<td>$32.5</td>
<td>$37</td>
</tr>
<tr>
<td>2019E</td>
<td></td>
<td></td>
<td>~$58.3</td>
</tr>
</tbody>
</table>

1) Guidance issued on January 22, 2020