Benefits for All

- Freedom
  - No Vendor Lock
  - Software Migration Path
  - Flexibility and Agility
- Performance/Cost
  - Spectral Efficiency
  - Maximized Performance
  - Minimized TCO
- Standards Based Ecosystem
  - Virtualization Standard
  - Portable Solutions
  - High-Performance Compute
- Path Forward
  - Future Product Opportunities
  - Product Transition Plan
- Revitalized Market
  - Wider Market Opportunities
  - Easier Market Penetration
  - New Market Opportunities
- Increased Innovation
  - Application Innovation
  - Faster Development

WAVE-Gateway Hardware

U55C FPGA Accelerator

Gateway Compute Platform

Estimated Costs

<table>
<thead>
<tr>
<th>Parameter/Platform</th>
<th>Comtel &amp; 19 U55C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rack Units</td>
<td>4</td>
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<tr>
<td>Estimated Power (Watts)</td>
<td>4400</td>
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<tr>
<td>DVB-SX Waves</td>
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<tr>
<td>CapEx</td>
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<td>Hardware CapEx/Wave</td>
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<tr>
<td>RU/Wave</td>
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<td>Watts/Wave</td>
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<td>Monthly OpEx RU/Wave</td>
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<tr>
<td>Monthly OpEx Power/Wave</td>
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<tr>
<td>Monthly RU &amp; Power OpEx/Wave</td>
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<tr>
<td>Extrapolated Monthly Opex/Wave</td>
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WAVE Architecture v0.0

WAVE Objectives

- COTS Server
- X86 Architectures
- PCIe Accelerator
- Embedded Platforms
- ARM/SoC Architectures
- CMOSS/Custom

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