

**“CONTENT IN THE CLOUD”
...THE YEARS AHEAD**

**...AND IMPLICATIONS FOR THE
ENTERTAINMENT VALUE CHAIN**



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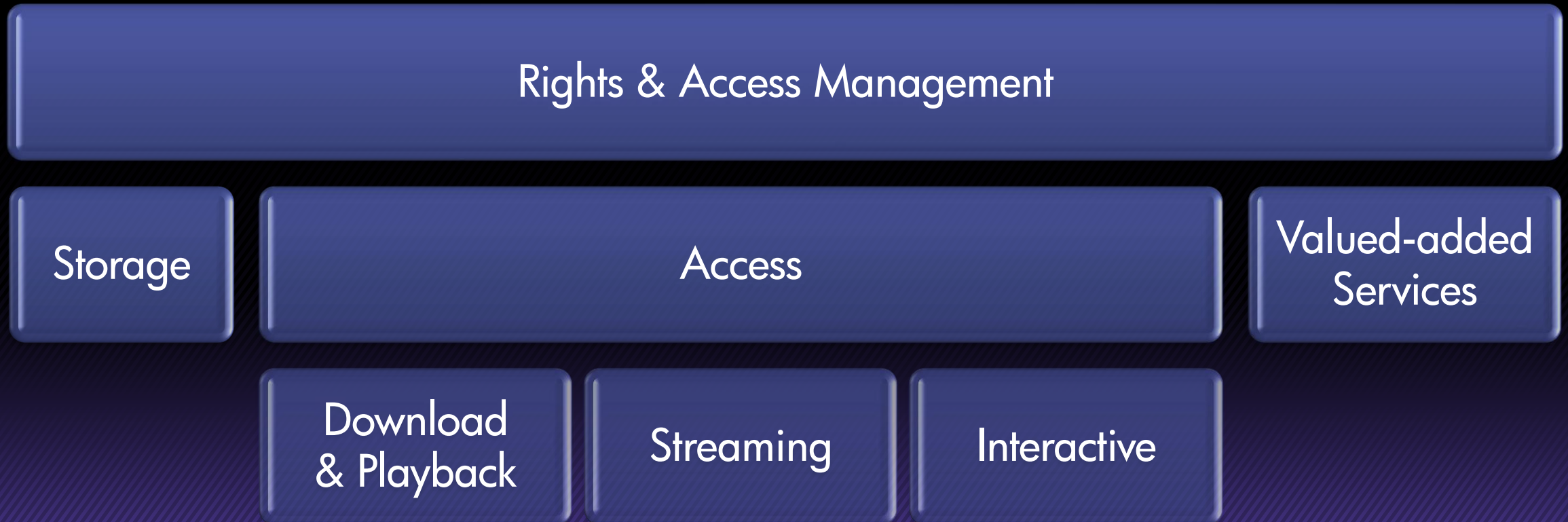
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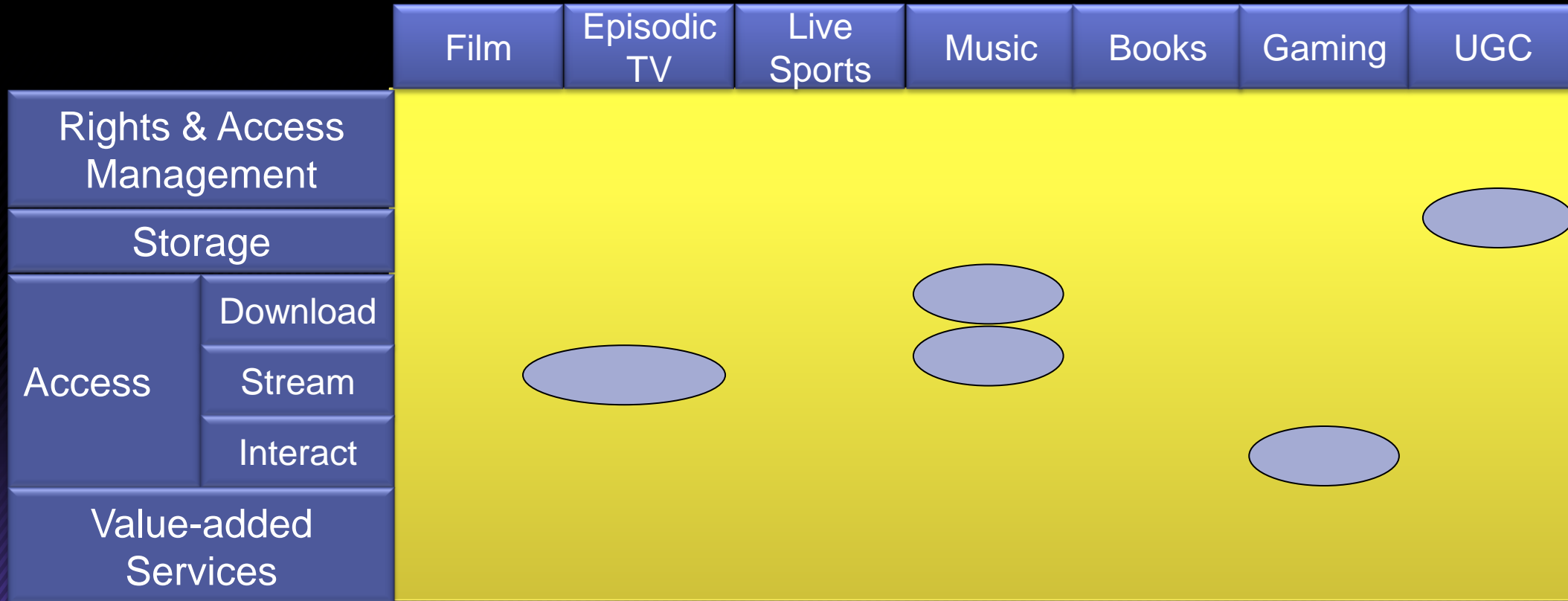
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FRAMING WHAT WE MEAN: "CLOUD" FUNCTIONS



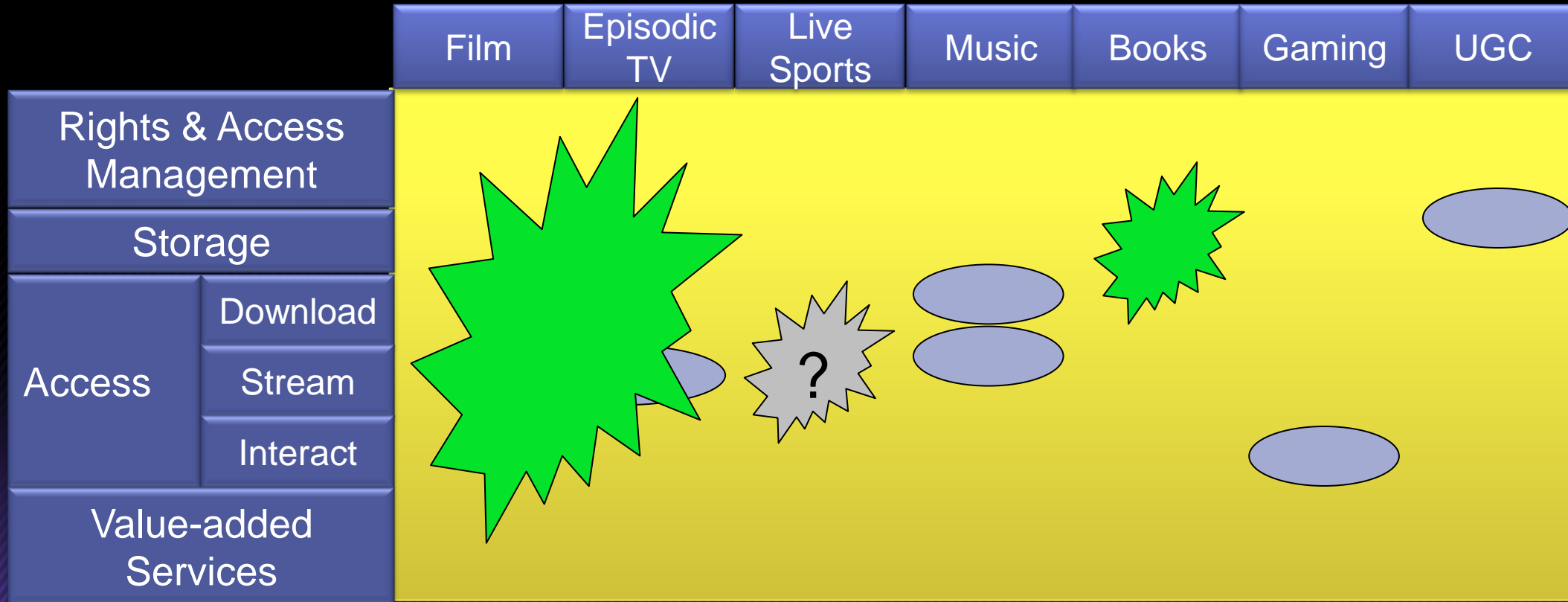
"CLOUD COMPUTING" FOR ENTERTAINMENT

FRAMING WHAT WE MEAN: LANDSCAPE



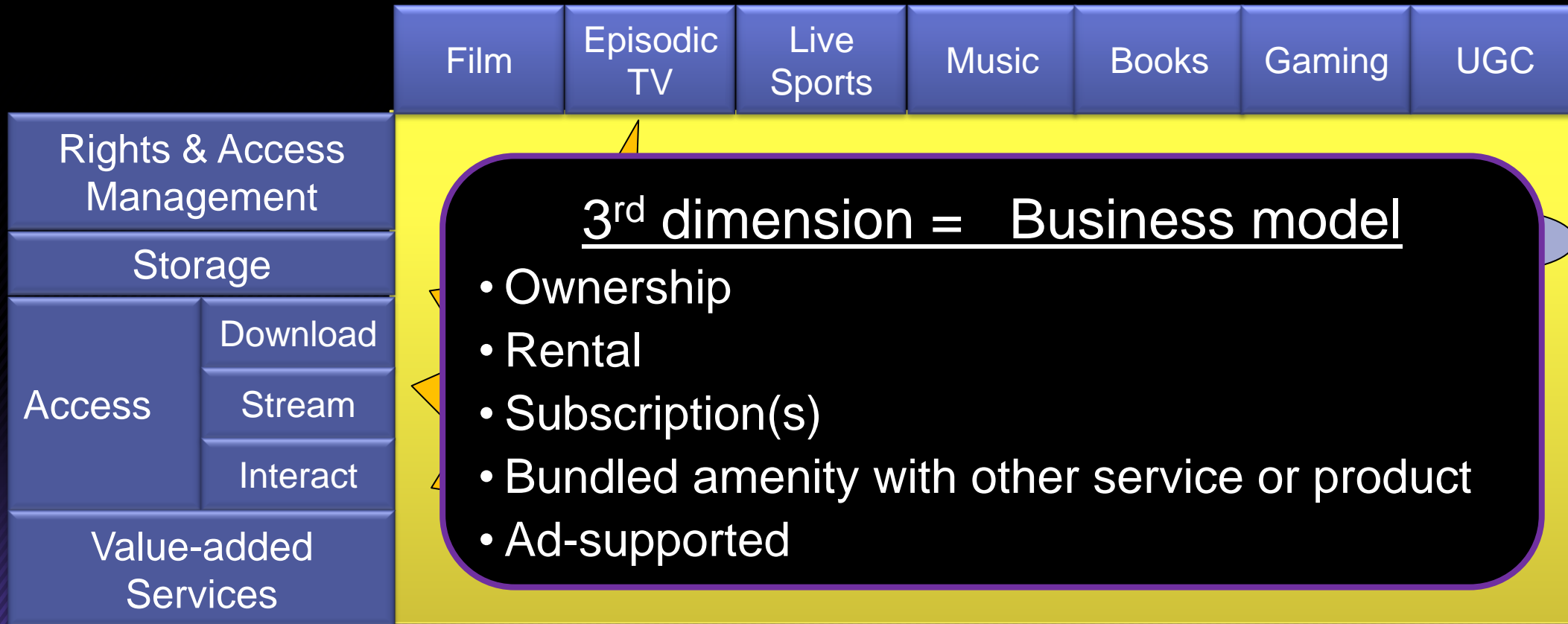
INITIAL EXAMPLES (PARTIAL LIST)

FRAMING WHAT WE MEAN: LANDSCAPE



CURRENT DYNAMICS (STILL EARLY DAYS)

FRAMING WHAT WE MEAN: LANDSCAPE



IMPLICATIONS: SEA CHANGE FOR CONTENT

- ✓ New use cases
- ✓ More enjoyment and value
- ✓ New marketing opportunities



IMPLICATIONS: SEA CHANGE FOR CONTENT

- ✓ New use cases
- ✓ More enjoyment and value
- ✓ New marketing opportunities
- Need to be “nimble” and learning-oriented
- Balancing content security with greater access



IMPLICATIONS: CHOICES FOR DISTRIBUTORS

- ✓ “Integration” of devices, services and content
- ✓ “CRM” content marketing
- ✓ Substantial efficiency improvements



IMPLICATIONS: CHOICES FOR DISTRIBUTORS

- ✓ “Integration” of devices, services and content
- ✓ “CRM” content marketing
- ✓ Substantial efficiency improvements
- Non-standardized “product” = higher investments, risk
- Or, need to help drive interoperable approaches and educate consumers



IMPLICATIONS: “CROSSROADS” FOR CE

- ✓ New use cases
- ✓ Replacement/expansion of “device portfolio”
- ✓ More demand for device performance (and style)
- ✓ New revenue sources



IMPLICATIONS: “CROSSROADS” FOR CE

- ✓ New use cases
- ✓ Replacement/expansion of “device portfolio”
- ✓ More demand for device performance (and style)
- ✓ New revenue sources
- Broader field of competition with “computing” world
- Retail “Integrators” as potential customers
- Managing complexity



LOOKING AHEAD: FIVE KEY QUESTIONS

1. Help drive interoperability or “play the silo game”?



“KEY BELIEF” AREAS FOR MANAGEMENT

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2. Expand role in value chain or excel where we are now?



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1. Help drive interoperability or “play the silo game”?
2. Expand role in value chain or excel where we are now?
3. Priority of downloads and local storage?



“KEY BELIEF” AREAS FOR MANAGEMENT

LOOKING AHEAD: FIVE KEY QUESTIONS

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2. Expand role in value chain or excel where we are now?
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4. Expected role of optical media?



“KEY BELIEF” AREAS FOR MANAGEMENT

LOOKING AHEAD: FIVE KEY QUESTIONS

1. Help drive interoperability or “play the silo game”?
2. Expand role in value chain or excel where we are now?
3. Priority of downloads and local storage?
4. Expected role of optical media?
5. Investment in new-concept marketing and/or “CRM”?



“KEY BELIEF” AREAS FOR MANAGEMENT

QUESTIONS

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