Table of Contents

List of Tables ........................................................................................................... 5
List of Figures .......................................................................................................... 6
Metaari’s Organizational Enterprise Licensing Model ........................................ 7
About Metaari .......................................................................................................... 8
About the Analyst .................................................................................................... 8
Executive Overview: 5G is a Game Changer ................................................... 10
Primary Catalysts Driving the US Mobile Learning Market ................. 11
What You Will Find in This Report ................................................................. 13
  Who are the Buyers? ......................................................................................... 13
  Lessons Learned: Pivoting to the Business Segment .......................... 14
  What Are They Buying? .................................................................................. 17
Sources of Data on the US Mobile Learning Market ............................ 22
2020-2025 US Mobile Learning Forecast and Analysis .................... 26
Convergent Catalysts in the US Mobile Learning Market .................. 26
  Learning in the Bright Air: 5G Irrevocably Alters the Learning Landscape... 27
  AR Mainstreamed: Apple’s ARKit and Google’s ARCore Accelerate Demand .... 29
  Strong US Consumer Demand for Mobile Learning Content for Kids .......... 31
    Games for Children with Special Needs ....................................................... 33
  Language Learning Games for Children ......................................................... 36
    Coding Games for Young Kids ................................................................. 37
  Smart Robots Play Learning Games with Kids ............................................. 38
    Brain Training Games for Kids: A New Revenue Opportunity for Developers .... 40
    STEM Evolves into STEAM ........................................................................ 41
    Social and Emotional Learning (SEL) Games Hit the Market ............... 42
    Astonishing Mixed Reality Learning Games for Kids ........................... 44
Rapid Adoption of Pre-employment Assessment and Evaluation Apps in the
Corporate Segment .............................................................................................. 46
Next Generation Mobile Learning Products Hit the Market ................ 47
  Innovation in Mobile Learning Location Intelligence .......................... 47

For more information about this research, email: contact@metaari.com
Metaari's 2020-2025 US Mobile Learning Market Forecast

Augmented Location Intelligence.................................................................50
Anchoring Virtual Objects in Real Space-Time ........................................51
The Three Modalities of Location-based Learning....................................54
Location in Physical Space: Proximity Triggers Location-based Learning ......55
Location in Virtual Space: Simulated Presence ..........................................57
Learning in Time: Temporal Mixed Reality Learning ................................58

The Rise of the Blue-Collar Geeks: Rapid Adoption of Augmented Learning Products
................................................................................................................59

Remote Assistance is Real-time Performance Support.................................60

The Bottom Line in the Fourth Industrial Revolution..................................64

Learning as Experience: Next Generation Mobile Virtual Reality Learning Products
................................................................................................................66

Artificial Intelligence Alters the Learning Technology Industry ..................69

Large Scale National Distribution Agreements Accelerate Adoption .........70

Learning Game Developers and Game Publishers are Resellers ...............71

Educational Publishers and Distributors Searching for Mobile Learning and Mobile Game Partners ..........................................................73

Merger and Acquisition (M&A) Validates the Market as the Big Guns Buy Their Way In .................................................................74

Availability of Inexpensive and Easy-to Use Native Development Tools .....79

Assembling Mobile Learning Apps with Premade Components: A New Cottage Industry Emerges ..........................................................80

Demand-side Analysis by Eight Buying Segments in the US ...........83

Consumers ..........................................................................................85
Preschools ............................................................................................87
Primary Schools ..................................................................................90
Junior High and Secondary Schools .....................................................98
Higher Education and Tertiary Institutions ...........................................103
Federal Government ...........................................................................109
State and Local Governments ..............................................................117
Corporations and Businesses ...............................................................125

US Supply-side Analysis by Four Product and Services Types......132

United States Packaged Mobile Learning by Nine Content Types ........133

Early Childhood Learning Games .........................................................135

Language Learning Apps ....................................................................138

For more information about this research, email: contact@metaari.com
Metaari's 2020-2025 US Mobile Learning Market Forecast

General Academic Mobile Content ................................................................. 140
Exam and Test Prep Apps ........................................................................... 142
Corporate Pre-employment Assessment and Evaluation Apps .................. 146
Procedural and Performance Support Apps ................................................. 147
Medical, Health, and Wellness Apps .......................................................... 149

VR-based Mental Therapy Products Hit the Market .................................... 158
VR-based Medical Training is Altering the Healthcare Education Industry .... 160

Continuing Professional Education (CPE), Continuing Education (CE) and Continuing Medical Education (CME) Apps .................................................. 161
Mobile Training and Professional Development (PD) Apps ......................... 164

US Mobile Learning as a Service (MLaaS) ................................................. 166
US Custom Content Development Services .............................................. 168
US Authoring Tools and Platforms ............................................................ 172

Index of Suppliers ...................................................................................... 188

Over 650 suppliers operating in the US are cited in this report to help international suppliers identify local partners, distributors, resellers, and potential merger and acquisition (M&A) targets in the US.
# List of Tables

Table 2 - 2020-2025 Revenue Forecasts for Mobile Learning Products and Services in the US (in US$ Millions) ................................................................. 83

Table 3 - 2020-2025 United States Revenue Forecasts for Mobile Learning Products and Services by Eight Buying Segments (in US$ Millions) ................................................................. 84

Table 4 - 2020-2025 US Consumer Mobile Learning Revenue Forecast (in US$ Millions) .................................................................................................................. 85

Table 5 - 2020-2025 US Preschool Mobile Learning Revenue Forecast (in US$ Millions) .................................................................................................................. 87

Table 6 - 2020-2025 US Primary Schools Mobile Learning Revenue Forecast (in US$ Millions) ........................................................................................................ 91

Table 7 - 2020-2025 US Secondary Schools Mobile Learning Revenue Forecast (in US$ Millions) ...................................................................................................... 98

Table 8 - 2020-2025 US Higher Education Mobile Learning Revenue Forecast (in US$ Millions) ....................................................................................................... 103

Table 9 - 2020-2025 US Federal Government Mobile Learning Revenue Forecast (in US$ Millions) .............................................................................................. 109

Table 10 - 2020-2025 US State and Local Government Mobile Learning Revenue Forecast (in US$ Millions) .................................................................................... 117

Table 11 - 2020-2025 US Corporate Mobile Learning Revenue Forecast (in US$ Millions) .............................................................................................................. 125

Table 12 – 2020-2025 US Revenue Forecasts for Mobile Learning by Four Product Types (in US$ Millions) .................................................................................... 132

Table 13 – 2020-2025 United States Packaged Mobile Learning Revenues by Nine Content Types (in US$ Millions) ........................................................................ 134

Table 14 - 2020-2025 United States Early Childhood Mobile Learning Revenues (in US$ Millions) ................................................................................................. 135

Table 15 = 2020-2025 United States Language Learning Mobile Learning Revenues (in US$ Millions) ............................................................................................. 138

Table 16 = 2020-2025 United States General Academic Mobile Learning Revenues (in US$ Millions) ............................................................................................... 140

Table 17 – 2020-2025 United States Mobile Exam and Test Prep Revenues (in US$ Millions) ........................................................................................................... 142

Table 18 - 2020-2025 United States Mobile Corporate Pre-Employment Assessment Revenues (in US$ Millions) ............................................................................... 146

Table 19 - 2020-2025 United States Mobile Procedural and Performance Support Revenues (in US$ Millions) .................................................................................. 148

For more information about this research, email: contact@metaari.com
List of Figures

Figure 1 – The Primary Catalysts in the Booming 2020-2025 US Mobile Learning Market ................................................................. 11

Figure 2 - 2020-2025 US Mobile Learning Growth Rates for Eight Buyer Segments .................................................................................. 13

Figure 3 - 2020-2025 US Mobile Learning Five-year Growth Rates by Four Product Types ............................................................................. 18

Figure 4 - 2020-2025 US Mobile Learning Growth Rates for Nine Packaged Content Types ........................................................................... 20

Figure 5 – The Best Sellers: Early Childhood Learning Games in the Highest Demand ..................................................................................... 32

Figure 6 – The Three Modalities of Location-based Learning (LBL) ........................................................................................................... 54

Figure 7 - Mobile Location-based Learning (LBL): Proximity Triggers the Learning Experience ................................................................. 55

Figure 8 - Cognitive Fitness and Brain Training Games Grouped in Two Broad Categories ........................................................................ 150

Figure 9 – Professions in the US That Have Licensure Requirements ........................................................................................................ 162

Figure 10 – Twelve Specialized Types of Mobile Learning Authoring and Development Tools ....................................................................... 173