

Abstract

2021 – 2022 Workforce Optimization/Workforce Engagement Management Product and Market Report

DMG Consulting LLC's **2021 – 2022 Workforce Optimization/Workforce Engagement Management Product and Market Report** (formerly the Workforce Optimization Product and Market Report) presents an in-depth analysis of the trends, competitive landscape, product suites, technology and innovation in this vital contact center sector. The change in the Report's title reflects the increased use of the term workforce engagement management (WEM) by vendors to refer to this contact center segment. This Report, the 18th annual edition, highlights how these essential solutions are evolving to meet the needs of the hybrid workforce, the artificial intelligence (AI)enabled digitally transformed contact center, and heighten the profile of contact centers as important corporate contributors.

The employer/employee relationship in contact centers is finally being re-evaluated and redefined. Enterprise leaders have awakened to the need to update their business practices to address longstanding issues and reexamine compensation for agents who deserve recognition for vital contributions to their companies. Agents represent their brand to the public and must have extensive knowledge of their companies and products, more than almost any other group of employees in the enterprise. The contact center should be managed with the same expectations and scheduling flexibility as any other department in a company; this includes reasonable occupancy rates, and flexible working hours, breaks and vacations, as well as the ability to work on-site or remotely.

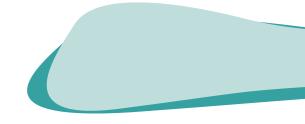
The technology and applications needed to enhance the management of contact centers are available, as evidenced by the transformation of these departments in the last couple of years. In the early days of the pandemic, contact center leaders sent their staff home to work. Workforce optimization (WFO)/WEM and workforce management (WFM) solutions helped keep customer service departments and contact centers open and running efficiently while staff worked almost entirely remotely, when many other enterprise departments had to shut down due to office closures. Agents expect to be able to retain the non-traditional and flexible schedules that proved successful for them – and their companies – during the pandemic. Hybrid and fully remote staffing models are becoming more widely accepted, even if they are not the preferred approach for the majority of contact center leaders. Companies that want to deliver an outstanding customer experience (CX) must provide a flexible and rewarding work environment that enables them to hire and retain great agents.

The service world is also adapting to customers' increasing preference for self-service. Major innovations are occurring in the form of intelligent, AI-enabled conversational self-service solutions that customers find compelling and convenient. These solutions, along with greatly enhanced automation applications, are taking on the bulk of routine inquiries, freeing agents to handle more complex and high-value interactions. This is altering and upgrading the role of agents as it is enriching their job responsibilities and transforming them into customer advocates.

Workforce optimization/workforce engagement management solutions play a critical role in delivering a consistently outstanding CX. Companies should look at the service experience through the eyes of their customers and put in place policies, procedures and tools that allow them to identify and correct operational and technical obstacles throughout the enterprise that hinder the customer journey. Many of the 12 WFO/WEM applications that comprise these suites should be rolled out to multiple customerfacing departments in the enterprise. This will position all of the departments that contribute to the customer journey to fully resolve customer issues during the first contact, regardless of where an inquiry originates or the customer's choice of channel. Customer journey analytics, a relatively new concept and application, can also help enterprises by capturing and providing insights about bottlenecks in the service process so they can be rapidly addressed and fixed.

The pace of innovation in contact centers is more rapid than ever. Interaction (text and speech) analytics is automating trend discovery while improving agent compliance and reducing fraud. Analytics-enabled quality management (AQM) is bringing automation to the 50-yearold manual quality management (QM) process, allowing managers and employees to delight their customers. Gamification applications are recognizing and rewarding agents for outstanding performance, whether they work onsite or remotely. And the new generation of WFM software is giving employees choices of where and when they work, enabling them to balance their personal and professional responsibilities. guidance next-best-action Real-time and applications help agents resolve issues on the first try, while delivering a more positive approach to coaching and training. This is just a sample of what has come to market recently, and it's just the beginning of the anticipated contributions of the new AI-enabled WFO/WEM applications.

The 2021 – 2022 edition of the Workforce Optimization/Workforce Engagement Management Product and Market Report features 7 leading and contending vendors: Alvaria, Calabrio, Eleveo, Five9, NICE, OnviSource and Verint. Three additional vendors – Authority Software, DVSAnalytics and Playvox – are covered at a high level. This Report is intended to help contact center, IT and enterprise leaders and managers in small, mid-size and large companies select the right solution, technology, functionality and partner to meet their organization's current and future WFO/WEM needs.



Report Highlights

- WFO/WEM solutions are helping to raise the profile of contact centers and their agents: Contact center agents deserve the same work/life balance, fair wages and recognition for their contributions as their peers in other corporate departments. Workforce optimization/workforce engagement management solutions provide important tools to transform the management of contact centers. All that remains is for corporate and departmental leaders to get on board and work with employees to implement the changes.
- Intelligent self-service solutions contribute to a great customer experience: Customers increasingly prefer the use of conversational self-service solutions. These applications, along with intelligent automation solutions, are completing many common inquiries, allowing agents to focus on more complicated and worthwhile transactions. This is a win-win as it both enhances the agent role and yields a more satisfying CX.
- It's time for WFO/WEM solutions to become standard employee productivity and engagement tools: WFO/WEM applications can benefit many departments in a company. They can provide a greater level of oversight, analytics, automation and intelligence to managers throughout the enterprise. This will help companies deliver a differentiated service experience and a consistently outstanding CX, which are both top corporate goals.
- Rapid technological innovation in contact centers is leading the way into the future of service: Innovation in contact centers is happening at a torrid pace. The world of service is being transformed by artificial intelligence, automation, analytics, the digital transformation, self-service, and a lot more. WFO/ WEM applications are giving enterprise leaders the insights they need to delight customers while becoming employers of choice for agents.

How can Thelp you

Key Reasons to Buy This Report

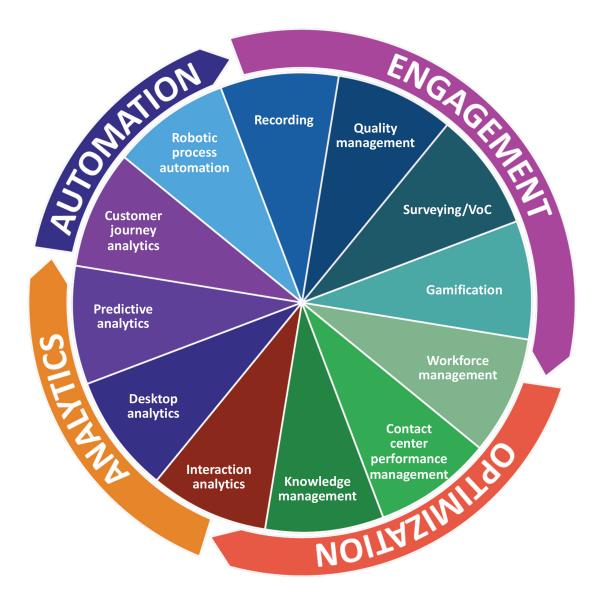
- WFO/WEM suites defined: an overview of the functional components of a WFO/WEM solution, including the core and optional modules offered in the featured WFO/WEM suites
- Market and business trends and challenges that are driving enterprise investments and influencing product development
- WFO/WEM market innovation, including a review of recently introduced functionality and what is planned for the next 12 – 18 months
- Timely discussion of the role of WFO/WEM solutions in the contact center's ability to sustain a work-at-home (WAH) and hybrid staffing model
- How AI is going to alter and improve contact center technology and operations during the next 5 – 20 years
- Insightful look at how smart technology, analytics, automation and elevated customer expectations are changing perceptions of the contact center and the role of agents
- In-depth examination of the 11 key WFO/WEM suite components, including a comparative analysis of the functional capabilities of each application in the 7 featured solutions
- Review of the WFO/WEM competitive landscape and vendor competitive positioning, including company snapshots of the featured WFO/WEM competitors
- Comprehensive customer satisfaction survey results that measure and rank ratings across 10 vendor categories, 13 WFO/WEM modules, 11 product features and 10 suite capabilities
- Detailed pricing analysis for a 250-seat on-premise and cloud-based QM/recording/coaching implementation, including incremental costs for AQM, WFM, gamification, surveying, knowledge management (KM), and interaction analytics
- Detailed company reports for the 10 WFO/WEM vendors covered in detail or at a high level, analyzing their products, functionality and future product development plans
- Comprehensive WFO/WEM Vendor Directory



Sample Figure:



WFO/WEM Suites



Source: DMG Consulting LLC, December 2021

Table of Contents

- 1. Executive Summary
- 2. Introduction
- 3. DMG Consulting Research Methodology
 - 3.1 Report Participation Criteria
- 4. Workforce Optimization/Workforce Engagement Management Suites Defined
 - 4.1 WFO/WEM Vendor Suite Overview
- 5. WFO/WEM Trends and Challenges
 - 5.1 WFO/WEM Trends
 - 5.2 WFO/WEM Challenges
- 6. Workforce Optimization/Workforce Engagement Management Market Innovation
 - 6.1 New Product Features
 - 6.2 Future Enhancements
- 7. The Work-at-Home/Hybrid Contact Center Staffing Model
 - 7.1 The Hybrid Staffing Model
 - 7.2 Managing a Work-at-Home/Hybrid Staff
 - 7.3 Hiring and Onboarding Practices for a WAH/Hybrid Staffing Model
 - 7.4 Scheduling Practices for a WAH/Hybrid Staffing Model
- 8. The Contact Center Journey: From Cost Center to Essential Corporate Contributor
 - 8.1 Digital Transformation Elevates Contact Centers
 - 8.2 Positioning Contact Centers for Success
- 9. Workforce Optimization/Workforce Engagement Management for the Enterprise
 - 9.1 Making WFO/WEM Applications Available Throughout the Enterprise
- 10. The Complete Suite: WFO/WEM Modules
 - 10.1 Recording
 - 10.2 Quality Management/Analytics-Enabled Quality Management
 - 10.3 Workforce Management
 - 10.3.1 New-Gen WFM is a Requirement for Today's Workforce Challenges
 - 10.4 Interaction Analytics
 - 10.4.1 Interaction Analytics Application Building Blocks
 - 10.4.2 Interaction Analytics Core Functional Components
 - 10.4.3 Emotion Detection and Sentiment Analysis
 - 10.5 Surveying/VoC
 - 10.6 Performance Management
 - 10.7 Gamification
 - 10.8 Desktop Analytics
 - 10.9 Robotic Process Automation
 - 10.10 Knowledge Management
 - 10.11 Customer Journey Analytics
 - 10.12 Predictive Analytics
 - 10.13 Back-Office/Branch WFO/WEM

Table of Contents

2 of 2

- 11. WFO/WEM Competitive Landscape
 - 11.1 WFO/WEM Suite Competitive Positioning
 - 11.2 Company Snapshot
- 12. High-Level Functional Summary
 - 12.1 WFO/WEM Functional Components
 - 12.2 Security and Compliance
 - 12.3 Dashboards, Reporting, and Analytics
 - 12.3.1 New Key Performance Metrics
- 13. WFO/WEM Vendor Satisfaction Analysis
 - 13.1 Summary of Survey Findings and Analysis: Vendor Categories13.1.1 Vendor Satisfaction by Category and Customer
 - 13.2 Summary of Survey Findings and Analysis: WFO/WEM Modules13.2.1 WFO/WEM Module Satisfaction, by Category and Customer
 - 13.3 Summary of Survey Findings and Analysis: WFO/WEM Product Features
 - 13.3.1 WFO/WEM Product Features Satisfaction, by Category and Customer
 - 13.4 Summary of Survey Findings and Analysis: WFO/WEM Suite Capabilities
 - 13.4.1 WFO/WEM Suite Capabilities Satisfaction, by Category and Customer
 - 13.5 Customer Background and Insights
 - 13.5.1 Channels Supported by the WFO/WEM Solution
 - 13.5.2 How the WFO/WEM Solution is Helping them Achieve their Contact Center/Servicing Goals
 - 13.5.3 Top 3 5 WFO/WEM Challenges
 - 13.5.4 Additional Comments
- 14. Pricing
 - 14.1 Pricing for a 250-Seat Premise-Based WFO/WEM Solution
 - 14.2 Pricing for a 250-Seat Cloud-Based WFO/WEM Solution
- 15. Company Reports
 - 15.1 Alvaria
 - 15.2 Authority Software
 - 15.3 Calabrio
 - 15.4 DVSAnalytics
 - 15.5 Eleveo
 - 15.6 Five9, Inc.
 - 15.7 NICE
 - 15.8 OnviSource
 - 15.9 Playvox
 - 15.10 Verint Systems

Appendix: WFO/WEM Vendor Directory

Table of Figures

Figure 1:	Contact Center WFO/WEM Suite
Figure 2:	Product Information
Figure 3:	2022 WFO/WEM Trends
Figure 4:	2022 WFO/WEM Challenges
Figure 5:	New Product Features, by Vendor
Figure 6:	Future Enhancements, by Category
Figure 7:	Agile Hiring Methodology
Figure 8:	The Agile Agent Scheduling Cycle
Figure 9.1:	Remote Staff/Work-at-Home (WAH)
Figure 9.2:	Remote Staff/Work-at-Home (WAH)
Figure 10:	Intelligent Systems Transform the Agent Experience
Figure 11:	WFO/WEM Employee Oversight Tools
Figure 12:	Employee Productivity Bundle
Figure 13:	Technically Advanced Recording
Figure 14.1:	Recording
Figure 14.2:	Recording
Figure 15:	The AQM Process
Figure 16.1:	Quality Management/Analytics-Enabled Quality Management (AQM)
Figure 16.2:	Quality Management/Analytics-Enabled Quality Management (AQM)
Figure 17:	Enterprise WFM Suite Components
Figure 18.1:	Workforce Management (WFM)
Figure 18.2:	Workforce Management (WFM)
Figure 19:	Interaction Analytics
Figure 20:	Interaction Analytics Technology Building Blocks
Figure 21.1:	Interaction Analytics (IA)
Figure 21.2:	Interaction Analytics (IA)
Figure 22.1:	Emotion Detection and Sentiment Analysis
Figure 22.2:	Emotion Detection and Sentiment Analysis
Figure 23:	Surveying/VoC
Figure 24.1:	Surveying/Voice of the Customer/Customer Experience (CX)
Figure 24.2:	Surveying/Voice of the Customer/Customer Experience (CX)
Figure 25:	Contact Center Performance Management
Figure 26.1:	Contact Center Performance Management (CCPM)
Figure 26.2:	Contact Center Performance Management (CCPM)
Figure 27.1:	Gamification
Figure 27.2:	Gamification
Figure 28.1:	Desktop Analytics (DA)
Figure 28.2:	Desktop Analytics (DA)
Figure 29.1:	Attended and Unattended Robotic Process Automation (RPA)
Figure 29.2:	Attended and Unattended Robotic Process Automation (RPA)
Figure 30:	Knowledge Management

Table of Figures

Figure 31.1: Knowledge Management (KM) Figure 31.2: Knowledge Management (KM) Figure 32: The Customer Journey Analytics Process Figure 33.1: Customer Journey Analytics (CJA) Figure 33.2: Customer Journey Analytics (CJA) Figure 34.1: Artificial Intelligence, Machine Learning Figure 34.2: Artificial Intelligence, Machine Learning Figure 35.1: Back Office/Branch WFO Figure 35.2: Back Office/Branch WFO Figure 36: 2021 Contact Center Suite Competitive Positioning Figure 37.1: Company Information as of August 31, 2021 Figure 37.2: Company Information as of August 31, 2021 Figure 38.1: High-Level Functional Summary Figure 38.2: High-Level Functional Summary Figure 39.1: Security and Compliance Figure 39.2: Security and Compliance Figure 40.1: Dashboards, Reporting and Analytics Figure 40.2: Dashboards, Reporting and Analytics Figure 41: Internal vs. External KPIs Figure 42: Standard Contact Center KPIs Figure 43: Customer-Centric KPIs Figure 44: Implicit Key Performance Indicators Figure 45.1: KPIs Figure 45.2: KPIs Figure 46: Customer Survey Rating Categories Figure 47: Average Vendor Satisfaction Ratings, by Category Figure 48: WFO/WEM Product Suite Satisfaction Ratings, by Customer Figure 49: Implementation Satisfaction Ratings, by Customer Figure 50: Training Satisfaction Ratings, by Customer Figure 51: Professional Services Satisfaction Ratings, by Customer Figure 52: Ongoing Service and Support Satisfaction Ratings, by Customer Figure 53: Innovation Satisfaction Ratings, by Customer Figure 54: Responsiveness to Product Enhancement Requests Satisfaction Ratings, by Customer Figure 55: Vendor Communication Satisfaction Ratings, by Customer Figure 56: Pricing Satisfaction Ratings, by Customer Figure 57: Overall Vendor Satisfaction Ratings, by Customer Figure 58: Average WFO/WEM Modules Satisfaction Ratings, by Category Figure 59: Omni-Channel Recording Satisfaction Ratings, by Customer Figure 60: Omni-Channel Quality Management Satisfaction Ratings, by Customer Figure 61: Analytics-Enabled Quality Management Satisfaction Ratings, by Customer

Figure 62: Workforce Management Satisfaction Ratings, by Customer

Table of Figures

Figure 63:	Interaction Analytics Satisfaction Ratings, by Customer
Figure 64:	Surveying/VoC Satisfaction Ratings, by Customer
Figure 65:	Performance Management Satisfaction Ratings, by Customer
Figure 66:	Gamification Satisfaction Ratings, by Customer
Figure 67:	Desktop Analytics Satisfaction Ratings, by Customer
Figure 68:	Robotic Process Automation Satisfaction Ratings, by Customer
Figure 69:	Knowledge Management Satisfaction Ratings, by Customer
Figure 70:	Predictive Analytics Satisfaction Ratings, by Customer
Figure 71:	Customer Journey Analytics Satisfaction Ratings, by Customer
Figure 72:	Average WFO/WEM Product Features Satisfaction Ratings, by Category
Figure 73:	Supervisor UI/UX Satisfaction Ratings, by Customer
Figure 74:	Agent UI/UX Satisfaction Ratings, by Customer
Figure 75:	Agent and Supervisor Mobile Apps Satisfaction Ratings, by Customer
Figure 76:	Regulatory and Compliance Features Satisfaction Ratings, by Customer
Figure 77:	System Security Satisfaction Ratings, by Customer
Figure 78:	Artificial Intelligence Satisfaction Ratings, by Customer
Figure 79:	Automation Satisfaction Ratings, by Customer
Figure 80:	Ease of Integration with Third-Party Applications Satisfaction Ratings, by Customer
Figure 81:	Level of Integration and Data Sharing between Modules Satisfaction Ratings, by Customer
Figure 82:	Ability to Administer the Entire Suite from a Centralized Environment Satisfaction Ratings, by Customer
Figure 83:	BI Capabilities Satisfaction Ratings, by Customer
Figure 84:	WFO/WEM Suite Capabilities Satisfaction Ratings, by Category
Figure 85:	Ability to Support the Unique Operational Requirements of each Voice and Digital Channel Satisfaction Ratings, by Custome
Figure 86:	Ability to Provide Real-Time Agent Guidance Satisfaction Ratings, by Customer
Figure 87:	Ability to Implement/Support Work-at-Home Programs Satisfaction Ratings, by Customer
Figure 88:	Ability to Support a Hybrid Workforce of Human and Virtual Agents Satisfaction Ratings, by Customer
Figure 89:	Ability to Integrate Contact Center and Back-Office Departments Satisfaction Ratings, by Customer
Figure 90:	Ability to Engage, Motivate and Retain Agents Satisfaction Ratings, by Customer
Figure 91:	Ability to Improve Agent Effectiveness Satisfaction Ratings, by Customer
Figure 92:	Ability to Actively and Passively Capture the Voice of the Customer Satisfaction Ratings, by Customer
Figure 93:	Ability to Understand the Cross-Channel Customer Journey Satisfaction Ratings, by Customer
Figure 94:	Ability to Improve Productivity Satisfaction Ratings, by Customer
Figure 95:	Channels Supported by the WFO/WEM Solution
Figure 96:	How the WFO/WEM Solution is Helping Achieve Top Contact Center/Servicing Goals
Figure 97:	Top 3 - 5 Challenges of your WFO/WEM Solution
Figure 98:	Additional Comments about your Experience with the Vendor and/or Product.
Figure 99:	Pricing for a Single-Site, 250-Seat Premise-Based Contact Center
Figure 100:	Pricing for a Single-Site, 250-Seat Cloud-Based Contact Center



6 Crestwood Drive, West Orange, NJ 07052 (973) 325-2954 www.dmgconsult.com