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## 2017 AEC Industry Salary Report

Information you'll find in this report includes:
$\checkmark$ Salaries for 8 different job titles
$\checkmark$ Average annual salary increases by industry
$\checkmark$ Salary differences by region, education, and experience
$\checkmark$ Salary differences by gender

## EdgeWise OVertry

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## 1. Introduction

Welcome to the 2017 AEC Industry Salary Report, produced by ClearEdge3D. We emailed the 2017 salary survey to more than 6,500 executives in the architecture, engineering, and construction (AEC) industries across the globe. Not surprisingly, an overwhelming number of responses came from the US $(67 \%)^{*}$ and Europe (14\%), and as such, the data in this report is more statistically valid for those regions compared to Africa (3\%) and South America (1\%).

Likewise, participation in the survey by industry varied with $32 \%$ of respondents coming from the Engineering Services industry, 21\% from Construction, 17\% from Surveying companies, and only 12\% from Architectural firms.

Regardless, the data supports several broad conclusions, including:

- There is a significant gender gap in AEC industry compensation
- Pay scales vary widely by region
- $1 / 3$ of the industry received no salary increase in 2016
* Please note that the data in this report is based on a data set that skews heavily (67\%) to U.S. compensation figures. As such, it should be used as only one data point in evaluating your compensation plans.


## 2. Salary, Experience \& Education Across the AEC Industry

### 2.1 Salaries in the AEC Industry



Key Findings: About half of AEC executives (49.7\%) earn $\$ 74,999$ or less per year; only about $5 \%$ earn more than \$150,000 per year.

### 2.2 AEC Industry Salary Levels by Experience

| Salary Level | 0 to 4 Years | 5 to 9 Years | 10 to 14 Years | 15 to 19 <br> Years | 20 to 24 <br> Years | 25 to 29 <br> Years | $30+$ Years |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Under $\$ 50,000$ | $32.4 \%$ | $26.5 \%$ | $16.2 \%$ | $8.8 \%$ | $5.9 \%$ | $5.9 \%$ | $4.4 \%$ |
| $\$ 50,000$ to $\$ 74,999$ | $15.3 \%$ | $23.5 \%$ | $27.6 \%$ | $14.3 \%$ | $9.2 \%$ | $7.1 \%$ | $3.1 \%$ |
| $\$ 75,000$ to $\$ 99,999$ | $10.1 \%$ | $27.5 \%$ | $27.5 \%$ | $15.9 \%$ | $8.7 \%$ | $1.4 \%$ | $8.7 \%$ |
| $\$ 100,000$ to $\$ 124,999$ | $1.7 \%$ | $17.2 \%$ | $8.6 \%$ | $25.9 \%$ | $15.5 \%$ | $12.1 \%$ | $19.0 \%$ |
| $\$ 125,000$ to $\$ 149,999$ | $0.0 \%$ | $4.5 \%$ | $22.7 \%$ | $13.6 \%$ | $13.6 \%$ | $18.2 \%$ | $27.3 \%$ |
| $\$ 150,000$ to $\$ 174,999$ | $0.0 \%$ | $0.0 \%$ | $11.1 \%$ | $33.3 \%$ | $22.2 \%$ | $11.1 \%$ | $22.2 \%$ |
| More than $\$ 175,000$ | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ | $12.5 \%$ | $25.0 \%$ | $12.5 \%$ | $50.0 \%$ |



Key Finding: Not surprisingly, there is a positive correlation between experience and compensation. However, when you factor in gender and region, the salary data becomes much more interesting.

### 2.3 AEC Industry Salary Levels by Education

| Salary Level | High School or <br> equivalent | Technical Degree | 2 Year Associates <br> Degree | 4 Year College <br> Degree | Graduate <br> Degree | Other |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |



Key Findings: Higher education generally means higher salary, but this is not always true when factoring in gender and region.

### 2.4 AEC Industry Salary Levels by Region

| Region | Under \$50,000 | $\begin{aligned} & \$ 50,000 \text { to } \\ & \$ 74,999 \end{aligned}$ | $\begin{gathered} \$ 75,000 \\ \text { to } \$ 99,999 \end{gathered}$ | $\begin{aligned} & \$ 100,000 \text { to } \\ & \$ 124,999 \end{aligned}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{aligned} & \$ 150,000 \text { to } \\ & \$ 174,999 \end{aligned}$ | More than \$175,000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| US \& Canada | 7.9\% | 33.3\% | 25.8\% | 20.4\% | 6.2\% | 2.9\% | 2.5\% |
| Western Europe | 51.5\% | 33.3\% | 6.1\% | 0.0\% | 3.0\% | 3.0\% | 3.0\% |
| Asia, Australia/New Zealand | 29.0\% | 9.7\% | 9.7\% | 25.8\% | 19.4\% | 3.2\% | 3.2\% |
| Eastern Europe | 69.2\% | 23.1\% | 7.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| Africa | 100.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| Mexico, Central/South America | 66.7\% | 0.0\% | 16.7\% | 16.7\% | 0.0\% | 0.0\% | 0.0\% |
| Middle East | 50.0\% | 50.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |



Key Findings: There are major regional differences in pay in the AEC industry. 85\% of AEC Executives in Western Europe make less an \$75,000 per year vs. 92\% in Eastern Europe and 41\% in the US/Canada. Conversely, 32\% in the US/Canada make more than $\$ 100,000$ per year vs. $9 \%$ in Western Europe and 0\% in Eastern Europe.

### 2.5 AEC Industry Salary Increases in 2016

Key Findings: Nearly 35\% in the industry
received no salary increase last year.


| Percentage of Salary Increase | Percent | 2.6 Sizes of 2016 Salary Increases |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Less than 2.99\% | 18.3\% |  |  |  |  |
| 3\% to 7.99\% | 32.3\% |  |  |  |  |
| 8\% to 14.99\% | 8.1\% |  |  |  |  |
| 15\% to 24.99\% | 3.6\% |  |  |  | 34.4\% |
| 25\% or more | 2.7\% |  |  |  |  |
| No salary increase | 34.4\% |  |  |  |  |
| 18.3\% | 32.3\% |  |  |  |  |
|  |  | 8.1\% |  |  |  |
|  |  |  | 3.6\% | 2.7\% |  |
| Less than 2.99\% | 3\% to 7.99\% | $8 \%$ to $14.99 \%$ | 15\% to $24.99 \%$ | 25\% or more | No salary increase |

Key Findings: Close to 40\% received a healthy salary increase of between 3\% and 14.99\%, but 18\% received increases of less than 3\%.

### 2.7 Experience Levels in the AEC Industry



Key Findings: Experience levels within the AEC are fairly consistent: about 35\% of respondents with 9 years or less; $36 \%$ with 10 to 19 years experience and $29 \%$ with 20 or more years experience.
2.8 Education Levels in the AEC Industry


Key Findings: 57.5\% of respondents have 4 year college or higher degree with less than 10\% educated to only the high school level.

## 3. Gender in the AEC Industry

Key Findings: The AEC industry is still an overwhelmingly male industry with 90\% of respondents identifying as men.


### 3.1 AEC Industry Salary Levels by Gender

| Gender | Under <br> $\$ 50,000$ | $\$ 50,000$ to | $\$ 75,000$ to | $\$ 100,000$ to | $\$ 125,000$ to | $\$ 150,000$ to | More than |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\$ 74,999$ | $\$ 99,999$ | $\$ 124,999$ | $\$ 149,999$ | $\$ 174,999$ | $\$ 175,000$ |  |  |
| Male | $18.9 \%$ | $30.1 \%$ | $20.5 \%$ | $17.9 \%$ | $6.3 \%$ | $3.0 \%$ | $2.6 \%$ |
| Female | $35.5 \%$ | $22.6 \%$ | $19.4 \%$ | $12.9 \%$ | $9.7 \%$ | $0.0 \%$ | $0.0 \%$ |



Key Findings: There appears to be a substantial salary gender gap in the AEC industry. 30\% of male AEC executives earn $\$ 100,000$ or more vs. $23 \%$ of female executives, despite the fact that women have comparable experience levels and slightly higher education levels. At the lower salaries, the gap is even more pronounced. $36 \%$ of female executives earn less than $\$ 50,000 \mathrm{vs}$. $19 \%$ of their male counterparts-again with similar education and experience levels.


Key Findings: Although there are some differences in the experience levels we queried, on the whole, women in the AEC industry have comparable experience to men. $32 \%$ of women respondents have less than 10 years experience vs. 35\% of men. About 36\% of both women and men have between 10 and 19 years of experience.


Key Findings: Women in the AEC industry are slightly better educated than their male counterparts with $58 \%$ of women earning a 4-year degree vs. $54 \%$ for men.

## 4. Salary, Experience \& Education by Job Title

### 4.1 Executive Level

| CEOs, Principals/Presidents/Managing Directors, C-Levels |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | Under \$50,000 | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{aligned} & \$ 100,000 \text { to } \\ & \$ 124,999 \end{aligned}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{aligned} & \$ 150,000 \text { to } \\ & \$ 174,999 \end{aligned}$ | More than $\$ 175,000$ |
| Percent of Respondents | 22.2\% | 7.4\% | 18.5\% | 22.2\% | 11.1\% | 3.7\% | 14.8\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | $30+$ years |
| Percent of Respondents | 3.7\% | 0.0\% | 18.5\% | 22.2\% | 25.9\% | 7.4\% | 22.2\% |
| Education | High School or equivalent | Technical Degree | 2 Year Assoc. Degree | 4 Year College Degree | Graduate Degree |  |  |
| Percent of Respondents | 7.4\% | 3.7\% | 14.8\% | 44.4\% | 29.6\% |  |  |

Key Findings: Not surprisingly, C-level executives were the most experienced of respondents (78\% with 15 years or more) and the best educated ( $74 \%$ with a 4 year degree or better), but they were NOT the highest paid with only $52 \%$ earning $\$ 100,000$ or more. The highest paid executives in the survey were VDC Directors, $69 \%$ of whom earned $\$ 100,000$ or more per year.

## Salary Levels: CEO, Principal/President/Managing Director, C-level



Experience Levels: CEO, Principal/President/Managing Director, C-level


Education Levels: CEO, Principal/President/Managing Director, C-level


### 4.2 VDC/BIM Director

| VDC/BIM Directors |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | $\begin{aligned} & \text { Under } \\ & \$ 50,000 \end{aligned}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{gathered} \$ 100,000 \text { to } \\ \$ 124,999 \end{gathered}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{gathered} \$ 150,000 \text { to } \\ \$ 174,999 \end{gathered}$ | More than $\$ 175,000$ |
| Percent of Respondents | 0.0\% | 7.7\% | 23.1\% | 30.8\% | 30.8\% | 7.7\% | 0.0\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | $\begin{gathered} 25 \text { to } 29 \\ \text { years } \end{gathered}$ | $30+$ years |
| Percent of Respondents | 0.0\% | 7.7\% | 23.1\% | 53.8\% | 7.7\% | 7.7\% | 0.0\% |
| Education | High School or equivalent | Technical Degree | 2 Year Associates Degree | 4 Year College Degree | Graduate Degree |  |  |
| Percent of Respondents | 7.7\% | 15.4\% | 7.7\% | 38.5\% | 30.8\% |  |  |

Key Findings: VDC/BIM Directors were the highest paid executives in the survey with $69 \%$ of them earning \$100,000 or more. Not surprisingly, they are a proficient lot with $69 \%$ posting 5 years or more of experience in the industry. They are also better educated than VDC Managers and Specialists with nearly 70\% earning a 4 year college degree or higher vs. 60\% and 51\% respectively.




### 4.3 VDC/BIM Managers

| VDC/BIM Managers |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | $\begin{aligned} & \text { Under } \\ & \$ 50,000 \end{aligned}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{aligned} & \$ 100,000 \text { to } \\ & \$ 124,999 \end{aligned}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{gathered} \$ 150,000 \text { to } \\ \$ 174,999 \end{gathered}$ | More than $\$ 175,000$ |
| Percent of Respondents | 10.5\% | 31.6\% | 24.2\% | 20.0\% | 5.3\% | 6.3\% | 1.1\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | $30+$ years |
| Percent of Respondents | 6.3\% | 25.3\% | 17.9\% | 18.9\% | 13.7\% | 10.5\% | 7.4\% |
| Education | High School or equivalent | Technical Degree | 2 Year <br> Associates Degree | 4 Year College Degree | Graduate Degree |  |  |
| \% of Respondents | 9.5\% | 12.6\% | 16.8\% | 40.0\% | 13.7\% |  |  |

Key Findings: 56\% of VDC/BIM Managers make between \$50,000 and \$99,000. 68\% have more than 10 years of experience with $54 \%$ earning a 4 year college degree or higher.




### 4.4 VDC/BIM Specialists

| VDC/BIM Specialists |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | $\begin{aligned} & \text { Under } \\ & \$ 50,000 \end{aligned}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{aligned} & \$ 100,000 \text { to } \\ & \$ 124,999 \end{aligned}$ | $\begin{gathered} \$ 125,000 \text { to } \\ \$ 149,999 \end{gathered}$ | $\begin{gathered} \$ 150,000 \text { to } \\ \$ 174,999 \end{gathered}$ | More than \$175,000 |
| Percent of Respondents | 23.0\% | 41.0\% | 19.7\% | 14.8\% | 0.0\% | 1.6\% | 0.0\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | $30+$ years |
| Percent of Respondents | 31.1\% | 18.0\% | 23.0\% | 14.8\% | 6.6\% | 4.9\% | 1.6\% |
| Education | High School or equivalent | Technical Degree | 2 Year Associates Degree | 4 Year College Degree | Graduate Degree |  |  |
| Percent of Respondents | 9.8\% | 9.8\% | 29.5\% | 32.8\% | 14.8\% |  |  |

Key Findings: Not surprisingly, the VDC/BIM specialists have less formal education, have less experience, and earn less than their manager counterparts. $49 \%$ of specialists have 9 years or less of experience and $64 \%$ earn less than $\$ 75,000.56 \%$ of VDC/BIM Managers make between \$50,000 and $\$ 99,000 /$ year. $68 \%$ have more than 10 years of experience with $54 \%$ earning a 4 year college degree or higher.

## Education Levels: VDC/BIM Specialists





### 4.5 Designers

| Designers |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | $\begin{aligned} & \text { Under } \\ & \$ 50,000 \end{aligned}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{gathered} \$ 100,000 \text { to } \\ \$ 124,999 \end{gathered}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{aligned} & \$ 150,000 \text { to } \\ & \$ 174,999 \end{aligned}$ | More than \$175,000 |
| Percent of Respondents | 12.5\% | 75.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | $30+$ years |
| Percent of Respondents | 25.0\% | 25.0\% | 0.0\% | 0.0\% | 25.0\% | 12.5\% | 12.5\% |
| Education | High School or equivalent | Technical Degree | 2 Year <br> Associates <br> Degree | 4 Year College Degree | Graduate Degree |  |  |
| Percent of Respondents | 0.0\% | 37.5\% | 50.0\% | 12.5\% | 0.0\% |  |  |

Key Findings: Designers were the lowest paid with the lowest level of formal education in the survey. 87\% of designers make less than \$75,000 per year, well behind the AEC industry average of $\$ 75 \mathrm{~K}-\$ 99 \mathrm{~K}$ per year. Only about 13\% of Designers have earned a 4 year college degree vs. an industry-wide average of 58\%. The results should be reviewed with caution, however, since the number of Designer respondents was low.



## Education Levels: Designer



### 4.6 Project Managers

| Project Managers |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | $\begin{aligned} & \text { Under } \\ & \$ 50,000 \end{aligned}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{aligned} & \$ 100,000 \text { to } \\ & \$ 124,999 \end{aligned}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{aligned} & \$ 150,000 \text { to } \\ & \$ 174,999 \end{aligned}$ | More than \$175,000 |
| Percent of Respondents | 21.4\% | 16.7\% | 28.6\% | 21.4\% | 9.5\% | 0.0\% | 2.4\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | $30+$ years |
| Percent of Respondents | 11.9\% | 23.8\% | 23.8\% | 7.1\% | 14.3\% | 2.4\% | 16.7\% |
| Education | High School or equivalent | Technical Degree | 2 Year Associates Degree | 4 Year College Degree | Graduate Degree |  |  |
| Percent of Respondents | 4.8\% | 7.1\% | 14.3\% | 38.1\% | 28.6\% |  |  |

Key Findings: 60\% of Project Managers in the survey have less than 15 years of industry experience with $67 \%$ earning less than $\$ 100,000$ per year. $71 \%$ have a 4 year college degree or greater which was the second highest education level in our survey behind C-level titles.




### 4.7 Field Engineers

| Field Engineer |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | $\begin{aligned} & \text { Under } \\ & \$ 50,000 \end{aligned}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{aligned} & \$ 100,000 \text { to } \\ & \$ 124,999 \end{aligned}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{aligned} & \$ 150,000 \text { to } \\ & \$ 174,999 \end{aligned}$ | More than $\$ 175,000$ |
| Percent of Respondents | 23.5\% | 41.2\% | 17.6\% | 11.8\% | 5.9\% | 0.0\% | 0.0\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | 30+ years |
| Percent of Respondents | 29.4\% | 35.3\% | 17.6\% | 5.9\% | 0.0\% | 0.0\% | 11.8\% |
| Education | High School or equivalent | Technical Degree | 2 Year Associates Degree | 4 Year College Degree | Graduate Degree |  |  |
| Percent of Respondents | 17.6\% | 11.8\% | 23.5\% | 29.4\% | 17.6\% |  |  |

Key Findings: 65\% of Field Engineers earn under \$75,000 per year which is surprising given their importance in project execution. The Field Engineers in this survey were less experienced with 64\% having less than 15 years on the job.


Experience Levels: Field Engineers



### 4.8 Surveyors

| Surveyor/Senior Surveyor |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salary | $\begin{aligned} & \text { Under } \\ & \$ 50,000 \end{aligned}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 74,999 \end{gathered}$ | $\begin{gathered} \$ 75,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{aligned} & \$ 100,000 \text { to } \\ & \$ 124,999 \end{aligned}$ | $\begin{aligned} & \$ 125,000 \text { to } \\ & \$ 149,999 \end{aligned}$ | $\begin{gathered} \$ 150,000 \text { to } \\ \$ 174,999 \end{gathered}$ | More than \$175,000 |
| Percent of Respondents | 32.0\% | 32.0\% | 16.0\% | 12.0\% | 8.0\% | 0.0\% | 0.0\% |
| Experience | 0 to 4 years | 5 to 9 years | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | $30+$ years |
| Percent of Respondents | 8.0\% | 20.0\% | 32.0\% | 16.0\% | 0.0\% | 12.0\% | 12.0\% |
| Education | High School or equivalent | Technical Degree | 2 Year Associates Degree | 4 Year College Degree | Graduate Degree |  |  |
| Percent of Respondents | 4.0\% | 20.0\% | 24.0\% | 28.0\% | 12.0\% |  |  |

Key Findings: Although their experience level is comparable, $64 \%$ of Surveyors make less than $\$ 75,000$ per year which lags the industry average where only $50 \%$ of AEC professionals report making under \$75,000 per year.




## 5. Survey Results Summary

### 5.1 Salary by Job Title

| Job Title | Under <br> $\mathbf{\$ 5 0 , 0 0 0}$ | $\mathbf{\$ 5 0 , 0 0 0}$ to <br> $\mathbf{\$ 7 4 , 9 9 9}$ | $\mathbf{\$ 7 5 , 0 0 0}$ to <br> $\mathbf{\$ 9 9 , 9 9 9}$ | $\mathbf{\$ 1 0 0 , 0 0 0}$ to <br> $\mathbf{\$ 1 2 4 , 9 9 9}$ | $\mathbf{\$ 1 2 5 , 0 0 0}$ <br> to $\mathbf{\$ 1 4 9 , 9 9 9}$ | $\mathbf{\$ 1 5 0 , 0 0 0}$ to <br> $\mathbf{\$ 1 7 4 , 9 9 9}$ | More than <br> $\mathbf{\$ 1 7 5 , 0 0 0}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VDC/BIM/Reality Capture Manager | $10.5 \%$ | $31.6 \%$ | $24.2 \%$ | $20.0 \%$ | $5.3 \%$ | $6.3 \%$ | $1.1 \%$ |
| VDC/BIM/Reality Capture Specialist | $23.0 \%$ | $41.0 \%$ | $19.7 \%$ | $14.8 \%$ | $0.0 \%$ | $1.6 \%$ | $0.0 \%$ |
| Project Manager | $21.4 \%$ | $16.7 \%$ | $28.6 \%$ | $21.4 \%$ | $9.5 \%$ | $0.0 \%$ | $2.4 \%$ |
| CEO, Principal/President, Managing | $22.2 \%$ | $7.4 \%$ | $18.5 \%$ | $22.2 \%$ | $11.1 \%$ | $3.7 \%$ | $14.8 \%$ |
| Director, C-Level | $32.0 \%$ | $32.0 \%$ | $16.0 \%$ | $12.0 \%$ | $8.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Surveyor/Senior Surveyor | $23.5 \%$ | $41.2 \%$ | $17.6 \%$ | $11.8 \%$ | $5.9 \%$ | $0.0 \%$ | $0.0 \%$ |
| Field Engineer | $0.0 \%$ | $7.7 \%$ | $23.1 \%$ | $30.8 \%$ | $30.8 \%$ | $7.7 \%$ | $0.0 \%$ |
| VDC/BIM Director | $12.5 \%$ | $75.0 \%$ | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Designer | $42.9 \%$ | $0.0 \%$ | $28.6 \%$ | $14.3 \%$ | $0.0 \%$ | $0.0 \%$ | $14.3 \%$ |
| IT Manager/Director | $33.3 \%$ | $30.8 \%$ | $12.8 \%$ | $12.8 \%$ | $7.7 \%$ | $0.0 \%$ | $2.6 \%$ |
| Other |  |  |  |  |  |  |  |



### 5.2 Salary Increases by Job Title

| Industry | No salary <br> increase | Less than <br> $\mathbf{2 . 9 9 \%}$ | $\mathbf{3 \%}$ to $\mathbf{7 . 9 9 \%}$ | $\mathbf{8 \%}$ to $\mathbf{1 4 . 9 9 \%}$ | $\mathbf{1 5 \%}$ to <br> $\mathbf{2 4 . 9 9 \%}$ | $\mathbf{2 5 \%}$ or <br> more |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| VDC/BIM/Reality Capture Manager | $36.8 \%$ | $16.8 \%$ | $30.5 \%$ | $5.3 \%$ | $7.4 \%$ | $3.2 \%$ |
| VDC/BIM/Reality Capture Specialist | $23.0 \%$ | $23.0 \%$ | $29.5 \%$ | $13.1 \%$ | $4.9 \%$ | $6.6 \%$ |
| Project Manager | $45.2 \%$ | $11.9 \%$ | $28.6 \%$ | $11.9 \%$ | $2.4 \%$ | $0.0 \%$ |
| CEO, Principal/President, Managing <br> Director, C-Level | $59.3 \%$ | $3.7 \%$ | $25.9 \%$ | $3.7 \%$ | $0.0 \%$ | $3.7 \%$ |
| Surveyor/Senior Surveyor | $44.0 \%$ | $20.0 \%$ | $28.0 \%$ | $8.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Field Engineer | $17.6 \%$ | $23.5 \%$ | $35.3 \%$ | $23.5 \%$ | $0.0 \%$ | $0.0 \%$ |
| VDC/BIM Director | $7.7 \%$ | $15.4 \%$ | $46.2 \%$ | $23.1 \%$ | $0.0 \%$ | $0.0 \%$ |
| Designer | $25.0 \%$ | $25.0 \%$ | $50.0 \%$ | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| IT Manager/Director | $57.1 \%$ | $0.0 \%$ | $42.9 \%$ | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Other | $25.6 \%$ | $30.8 \%$ | $25.6 \%$ | $10.3 \%$ | $5.1 \%$ | $2.6 \%$ |



### 5.3 Salary Increases by Industry

| Industry | No salary <br> increase | Less than <br> $\mathbf{2 . 9 9 \%}$ | $\mathbf{3 \%}$ to $\mathbf{7 . 9 9 \%}$ | $\mathbf{8 \%}$ to $\mathbf{1 4 . 9 9 \%}$ | $\mathbf{1 5 \%}$ to <br> $\mathbf{2 4 . 9 9 \%}$ | $\mathbf{2 5 \%}$ or <br> more |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Engineering Services | $33.6 \%$ | $24.3 \%$ | $28.0 \%$ | $9.3 \%$ | $\mathbf{2 . 8 \%}$ | $1.9 \%$ |
| Construction | $19.7 \%$ | $14.1 \%$ | $42.3 \%$ | $11.3 \%$ | $8.5 \%$ | $4.2 \%$ |
| Survey Firm | $48.2 \%$ | $16.1 \%$ | $25.0 \%$ | $7.1 \%$ | $0.0 \%$ | $3.6 \%$ |
| Architecture | $32.5 \%$ | $25.0 \%$ | $25.0 \%$ | $7.5 \%$ | $5.0 \%$ | $2.5 \%$ |
| Service Provider | $52.6 \%$ | $15.8 \%$ | $15.8 \%$ | $10.5 \%$ | $0.0 \%$ | $5.3 \%$ |
| Hardware/Software Vendor | $25.0 \%$ | $0.0 \%$ | $58.3 \%$ | $16.7 \%$ | $0.0 \%$ | $0.0 \%$ |
| Other | $42.9 \%$ | $14.3 \%$ | $28.6 \%$ | $14.3 \%$ | $0.0 \%$ | $0.0 \%$ |



### 5.4 Years of Experience by Job Title

| Job Title | $\mathbf{0}$ to $\mathbf{4}$ years | $\mathbf{5}$ to $\mathbf{9}$ years | $\mathbf{1 0}$ to $\mathbf{1 4}$ <br> years | $\mathbf{1 5}$ to $\mathbf{1 9}$ <br> years | $\mathbf{2 0}$ to $\mathbf{2 4}$ <br> years | $\mathbf{2 5}$ to $\mathbf{2 9}$ <br> years | $\mathbf{3 0 +}$ years |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VDC/BIM/Reality Capture Manager | $6.3 \%$ | $25.3 \%$ | $17.9 \%$ | $18.9 \%$ | $13.7 \%$ | $\mathbf{1 0 . 5 \%}$ | $7.4 \%$ |
| VDC/BIM/Reality Capture Specialist | $31.1 \%$ | $18.0 \%$ | $23.0 \%$ | $14.8 \%$ | $6.6 \%$ | $4.9 \%$ | $1.6 \%$ |
| Project Manager | $11.9 \%$ | $23.8 \%$ | $23.8 \%$ | $7.1 \%$ | $14.3 \%$ | $2.4 \%$ | $16.7 \%$ |
| CEO, Principal/President, Managing <br> Director, C-Level | $3.7 \%$ | $0.0 \%$ | $18.5 \%$ | $22.2 \%$ | $25.9 \%$ | $7.4 \%$ | $22.2 \%$ |
| Surveyor/Senior Surveyor | $8.0 \%$ | $20.0 \%$ | $32.0 \%$ | $16.0 \%$ | $0.0 \%$ | $12.0 \%$ | $12.0 \%$ |
| Field Engineer | $29.4 \%$ | $35.3 \%$ | $17.6 \%$ | $5.9 \%$ | $0.0 \%$ | $0.0 \%$ | $11.8 \%$ |
| VDC/BIM Director | $0.0 \%$ | $7.7 \%$ | $23.1 \%$ | $53.8 \%$ | $7.7 \%$ | $7.7 \%$ | $0.0 \%$ |
| Designer | $25.0 \%$ | $25.0 \%$ | $0.0 \%$ | $0.0 \%$ | $25.0 \%$ | $12.5 \%$ | $12.5 \%$ |
| IT Manager/Director | $0.0 \%$ | $42.9 \%$ | $14.3 \%$ | $0.0 \%$ | $0.0 \%$ | $14.3 \%$ | $28.6 \%$ |
| Other | $12.8 \%$ | $23.1 \%$ | $17.9 \%$ | $12.8 \%$ | $7.7 \%$ | $7.7 \%$ | $17.9 \%$ |



### 5.5 Education Levels by Job Title

| Job Title | High School or <br> equivalent | Technical <br> Degree | $\mathbf{2 ~ Y e a r ~}$ <br> Associates <br> Degree | 4 Year College <br> Degree | Graduate <br> Degree | Other |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| VDC/BIM/Reality Capture Manager | $9.5 \%$ | $12.6 \%$ | $16.8 \%$ | $40.0 \%$ | $13.7 \%$ | $6.3 \%$ |
| VDC/BIM/Reality Capture Specialist | $9.8 \%$ | $9.8 \%$ | $29.5 \%$ | $32.8 \%$ | $14.8 \%$ | $3.3 \%$ |
| Project Manager | $4.8 \%$ | $7.1 \%$ | $14.3 \%$ | $38.1 \%$ | $28.6 \%$ | $4.8 \%$ |
| CEO, Principal/President, Managing | $7.4 \%$ | $3.7 \%$ | $14.8 \%$ | $44.4 \%$ | $29.6 \%$ | $0.0 \%$ |
| Director, C-Level | $4.0 \%$ | $20.0 \%$ | $24.0 \%$ | $28.0 \%$ | $12.0 \%$ | $8.0 \%$ |
| Surveyor/Senior Surveyor | $17.6 \%$ | $11.8 \%$ | $23.5 \%$ | $29.4 \%$ | $17.6 \%$ | $0.0 \%$ |
| Field Engineer | $7.7 \%$ | $15.4 \%$ | $7.7 \%$ | $38.5 \%$ | $30.8 \%$ | $0.0 \%$ |
| VDC/BIM Director | $0.0 \%$ | $37.5 \%$ | $50.0 \%$ | $12.5 \%$ | $0.0 \%$ | $0.0 \%$ |
| Designer | $14.3 \%$ | $0.0 \%$ | $14.3 \%$ | $14.3 \%$ | $57.1 \%$ | $0.0 \%$ |
| IT Manager/Director | $7.7 \%$ | $15.4 \%$ | $28.2 \%$ | $33.3 \%$ | $10.3 \%$ | $5.1 \%$ |
| Other |  |  |  |  |  |  |



## 6. Conclusions

As you have seen evidenced in the previous pages, there are several broad conclusions supported by the data,* including:

## 1-There is a significant gender gap in the AEC compensation.

We examined the data from male and female executives across the industry and found that $30 \%$ of male AEC executives earn $\$ 100,000$ or more vs. $23 \%$ of female executives-despite the fact that women have comparable experience and slightly higher education levels. At the lower salaries the gap is even more pronounced: $36 \%$ of woman in the AEC industry earn less than $\$ 50,000$ vs. $19 \%$ of their male counterparts-again with similar education and experience levels.

## 2-Pay scales vary widely by region.

U.S. executives earn substantially more than their European and Asian counterparts. $92 \%$ of AEC executives in Eastern Europe earn less than \$75,000 per year vs. $85 \%$ in Western Europe, and $41 \%$ in the North America. Conversely, $32 \%$ of AEC executives in the US/Canada make more than $\$ 100,000$ per year vs. $9 \%$ in Western Europe and 0\% in Eastern Europe.

## $3-1 / 3$ of the industry received no salary increase in 2016.

In one of the most surprising findings, $34 \%$ of AEC industry professionals surveyed received no increase in their salary in 2016. In certain industries, the numbers were even more bleak with nearly $50 \%$ of surveyors and $52 \%$ of service providers receiving no increase. For those that did receive an increase, $40 \%$ got a healthy salary bump of between $3 \%$ and $15 \%$.

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