

## Industry Snapshot

<h3>5,789</h3> <p>Jobs</p>	<h3>+20.1%</h3> <p>Job Growth</p>	<h3>\$67.2K</h3> <p>Earnings Per Job</p>
<p>Employment is robust in this new and emerging industry cluster, with strong 5-year growth.</p>	<p>Jobs <b>increased by 20.1%</b> over the last 5 years. Projected to increase by 16.1% over the next 5 years.</p>	<p>Regional earnings per job are <b>\$64.0K below</b> the national earnings per job of \$131.1K.</p>

Source: EMSI, Business Case for NAICS 334111, 334112, 334118, 334210, 334220, 334290, 334310, 334412, 334413, 334416-334419, 334512-334515, 334519, 334613, 334614, 423430, 425110, 454110, 511210, 517311, 517312, 517410, 517911, 517919, 518210, 519130, 541511-541513, and 541519 in the Ogden-Clearfield MSA. 2018 Q4 Data.

## Largest Employers

## Education & Training

Company Name	NAICS
Arrowpoint Solutions	541512
DAKCS Software Systems	443142
EMC Corporation	541512
HEC Software (Reading Horizons)	511210
Nexone	541512
Oracle	423430
PCB Component Solutions	334418
Planswift Software	541511
Purch	519130
SS&C Technologies	541511
Unisys	541512
WebNX Data Center	423430
White Clouds 3D Printing	339999

Source: Utah Department of Workforce Services, 2018.

Additionally, Ogden has a skilled software workforce employed in other industries such as **aerospace** (Northrop Grumman, Hill AFB) and **fintech** (Wex, Inc).

**2,200 students** complete **computer & information science** and **computer & electrical engineering** programs at area colleges each year (Weber State University, Utah State University, University of Utah, Salt Lake Community College, and Bridgerland, Davis, & Ogden-Weber technical colleges).

### 86% Computer & Information Sciences

### 12% Engineering

(Computer Engineering; Electrical, Electronics, and Communications Engineering)

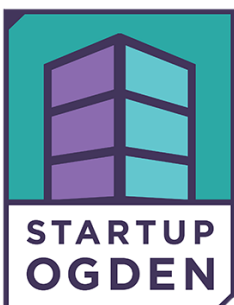
### 1% Engineering Technologies

(Computer Engineering Technologies; Electrical Engineering Technologies)

Source: EMSI, Program Table. 2018 Q4 Data.

**Pathway programs** at local high schools include Engineering and IT. The State of Utah is also developing a new Tech Pathways Program to provide high school students with training and internships.

## Innovation Assets



Startup Ogden is a coworking space focused on software and tech-based businesses. Software companies such as HQ and Allmoxxy started here, and have since grown into larger offices in Ogden.



Weber State University graduates 140 students in its computer science program each year, with a 95% job placement rate in the industry. WSU recently added new BS and MS degrees in Computer Engineering. Unique summer programs get K-12 students involved in computer science.

## Workforce Availability

Occupations that are key to the IT/Software industry display significant growth in the Ogden-Clearfield MSA, including for Software Developers—Applications, Web Developers, Electronics Engineers, and Computer and Information Systems Managers. Jobs in the industry grew by 20% from 2013-2018, indicating that the regional talent pool is growing.

SOC	Description	Total Jobs (2017)	Jobs in IT/ Software (2017)	% Change in Jobs in IT/ Software (2012-2017)	Median Hourly Earnings in IT/ Software (2017)
11-1021	General and Operations Managers	6,318	191	59%	\$30.40
11-3021	Computer and Information Systems Managers	656	162	45%	\$58.59
13-1081	Logisticians	1,431	63	66%	\$36.12
13-1161	Market Research Analysts and Marketing Specialists	753	66	74%	\$25.36
13-1199	Business Operations Specialists, All Other	2,716	61	24%	\$35.53
15-1111	Computer and Information Research Scientists	1,312	65	27%	\$40.50
15-1121	Computer Systems Analysts	514	172	19%	\$36.82
15-1131	Computer Programmers	644	318	-5%	\$34.42
15-1132	Software Developers, Applications	793	378	48%	\$45.22
15-1133	Software Developers, Systems Software	648	260	13%	\$43.92
15-1134	Web Developers	273	121	44%	\$17.73
15-1142	Network and Computer Systems Administrators	621	123	31%	\$40.80
15-1151	Computer User Support Specialists	1,142	269	41%	\$24.95
15-1152	Computer Network Support Specialists	362	93	21%	\$33.42
15-1199	Computer Occupations, All Other	1,318	86	153%	\$41.38
17-2072	Electronics Engineers, Except Computer	935	257	64%	\$45.01
41-3099	Sales Representatives, Services, All Other	1,208	120	62%	\$21.22
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	333	61	9%	\$43.52
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,386	69	19%	\$28.92
43-4051	Customer Service Representatives	7,453	390	84%	\$13.05
43-5071	Shipping, Receiving, and Traffic Clerks	1,779	131	126%	\$16.43
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	505	179	106%	\$23.43
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,028	83	159%	\$13.86

Source: EMSI, Occupations Employed by Industry for NAICS 334111, 334112, 334118, 334210, 334220, 334290, 334310, 334412, 334413, 334416-334419, 334512-334515, 334519, 334613, 334614, 423430, 425110, 454110, 511210, 517311, 517312, 517410, 517911, 517919, 518210, 519130, 541511-541513, and 541519 and EMSI, Occupation Table (All Industries), Ogden-Clearfield MSA. 2018 Q4 Data.