#### SAFE HARBOR

Each of the presentations today will contain forward looking statements about strategies, products, future results, performance or achievements, financial and otherwise, including statements regarding our business model transformation, guidance for the fourth quarter of fiscal year 2017, our long term financial goals, our M&A strategy, our capital allocation, and our stock repurchase program. These statements reflect management's current expectations, estimates and assumptions based on the information currently available to us. These forward-looking statements are not guarantees of future performance and involve significant risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from results, performance or achievements expressed or implied by the forward-looking statements contained in these presentations, such as a failure to maintain subscriptions, ARR, ARPS, billings, revenue, deferred revenue, operating margins and cash flow growth; difficulty in predicting those financial metrics from new businesses; failure to maintain spend management; failure to successfully manage transitions to new business models and markets, including the introduction of additional ratable revenue streams, our continuing efforts to attract customers to our cloud-based offerings; failure to successfully expand adoption of our products; and any worsening in the macro economy or increase in protectionism.

A discussion of factors that may affect future results is contained in our most recent SEC Form 10-K and Form 10-Q filings available at www.sec.gov, including descriptions of the risk factors that may impact us and the forward-looking statements made in these presentations. The forward-looking statements made in this presentation are being made as of the time and date of its live presentation. If these presentations are reviewed after the time and date of the live presentations, even if subsequently made available by us, on our website or otherwise, these presentations may not contain current or accurate information. We disclaim any obligation to update or revise any forward-looking statement based on new information, future events or otherwise.

#### Non-GAAP Financial Measures

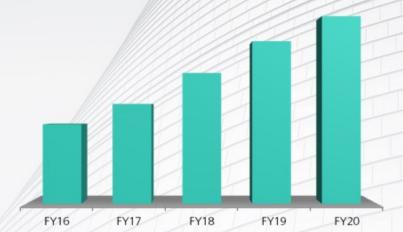
These presentations include certain non-GAAP financial measures. Please see the section entitled "Reconciliation of GAAP Financial Measures to non-GAAP Financial Measures" in the Appendices attached to the presentations for an explanation of management's use of these measures and a reconciliation of the most directly comparable GAAP financial measures.



## Autodesk Goals: FY16-FY20

24%

CAGR FY16-FY20



ARR

Annualized Recurring Revenue

3%

CAGR FY16-FY20



**ARPS** 

Annualized Revenue Per Subscription 20%

CAGR FY16-FY20



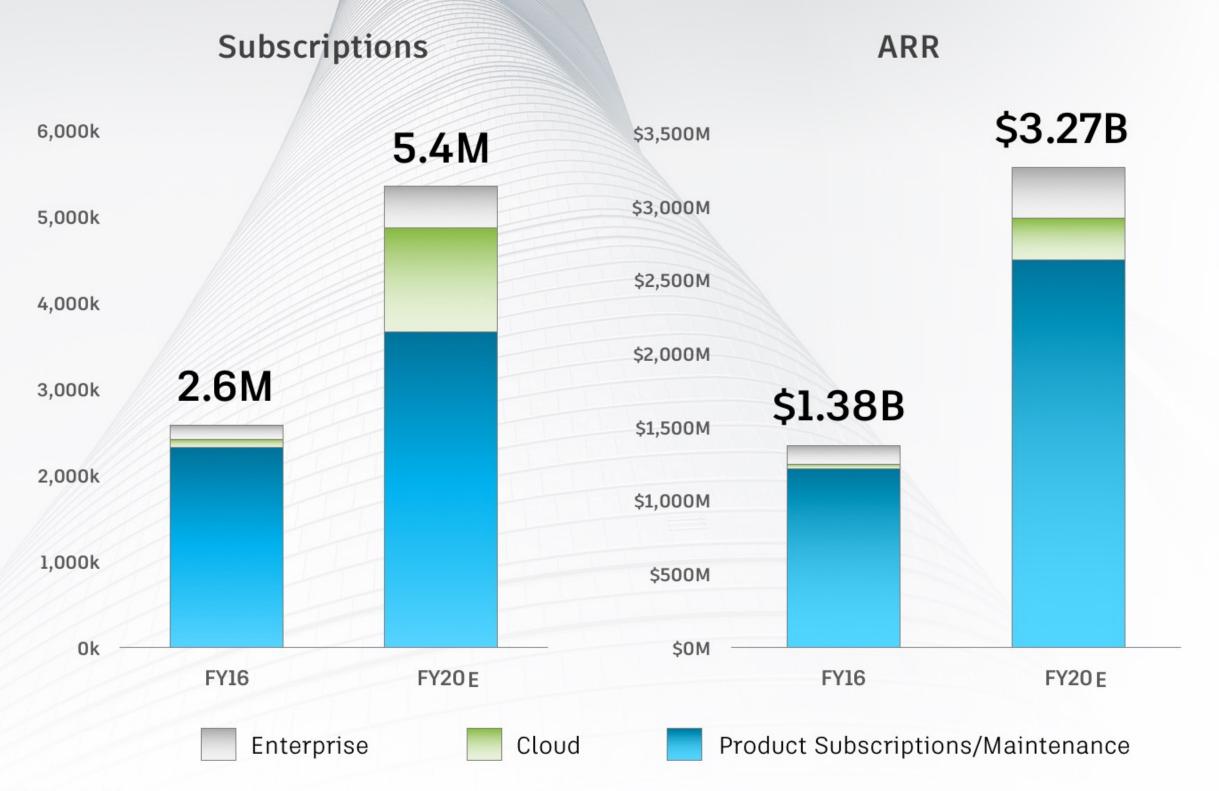
Subscriptions

Product, Cloud, EBAs\* and Maintenance





## How We'll Get There: FY20



**ARPS** 

\$700-\$750

Product Subscriptions/ Maintenance FY20

\$225-\$250

Cloud Subscriptions FY20

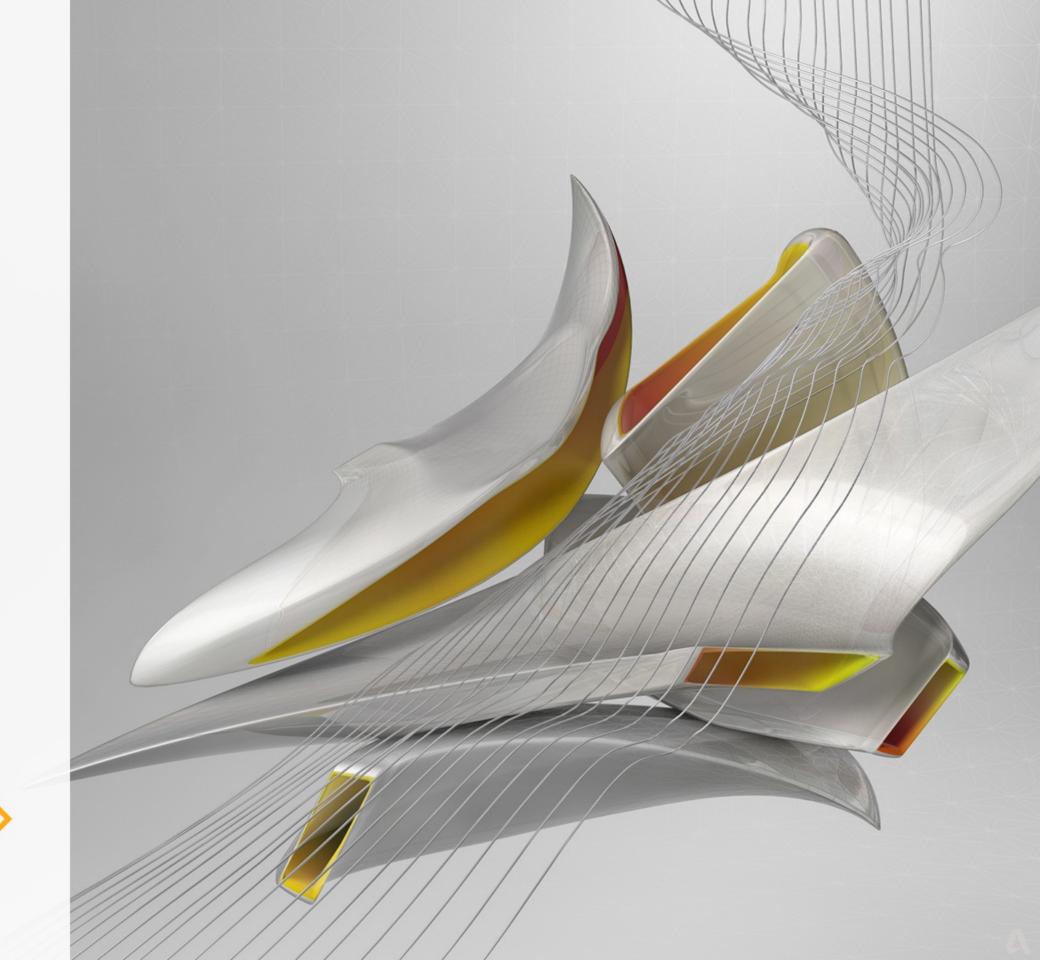
\$650-\$725

Enterprise Subscriptions FY20

## ARPS Evolution

Subscription Volume Drivers

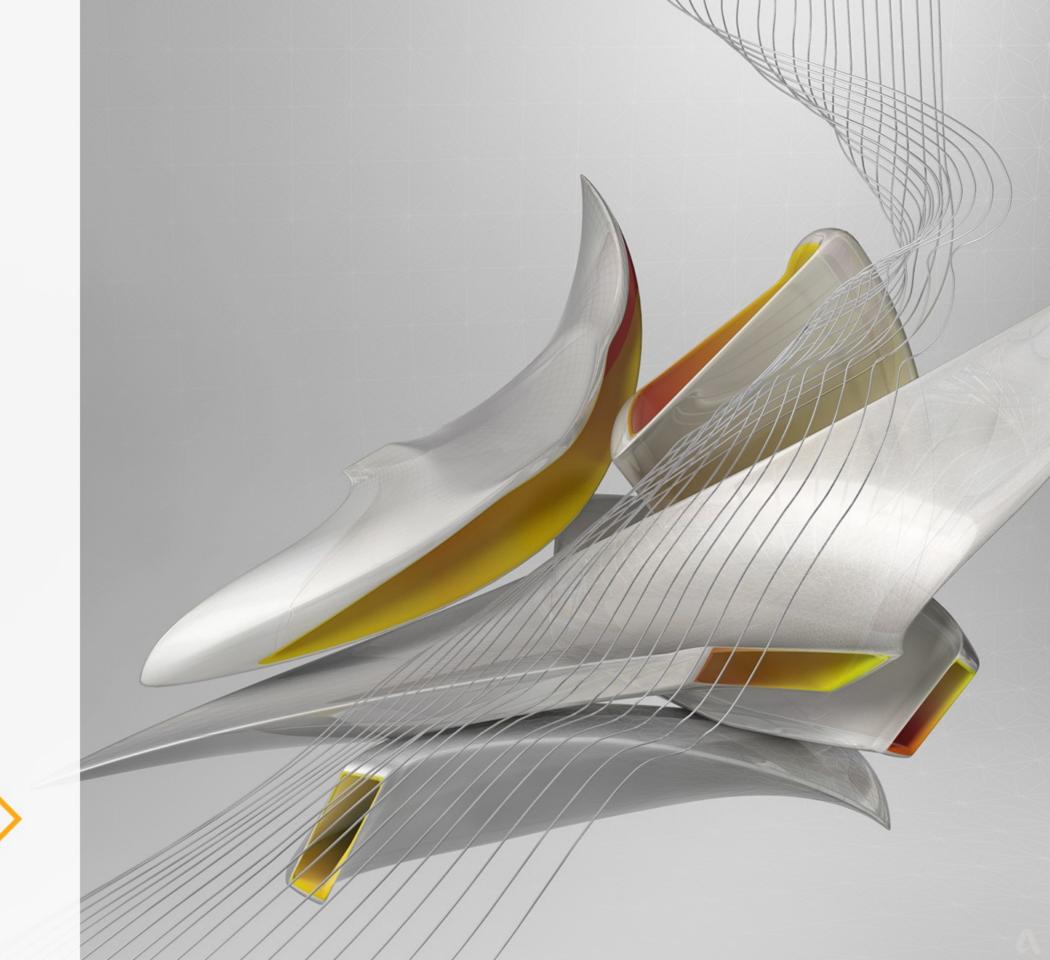
Non-Volume ARR Drivers



#### ARPS Evolution

Subscription Volume Drivers

Non-Volume ARR Drivers



## ARR Calculation



Recurring Revenue Recognized Per Quarter X Quarters

#### **Inclusions**

- Maintenance
- Product subscriptions
- Cloud services
- Enterprise

#### **Exclusions**

- Consulting services
- Legacy products
  - Creative finishing,
  - Buzzsaw, Constructware, etc.
- Consumer products
- Certain M\$A

## ARR and ARPS Example

#### Revenue Recognized in Quarter

Order Example	Order Value	Billing Date	Month 1	Month 2	Month 3	Total in Quarter	ARR at Quarter End
1	\$1,200	Annual subscription billed on day 1	\$100	\$100	\$100	\$300	\$1,200
2	\$1,200	Annual subscription billed on day 61			\$100	\$100	\$400
3	\$1,200	Annual subscription billed on day 90			\$3	\$3	\$13
	\$3,600		\$100	\$100	\$203	\$403	\$1,613

In the quarter that follows, the full ARR and ARPS are realized for these subscriptions ( $\$3,600\ \$\ \$1,200$ )

**ARPS = \$538** (\$1,613/3)

#### New Model ARPS \$900 \$800 \$719 \$700 \$600 \$500 \$432 \$400 \$300 \$292 \$200 Q216 Q317 Q116 Q316 Q117 Q217 Q416 → Product Subs → Enterprise · · · · Total New Model **Cloud** © 2016 Autodesk Inc.

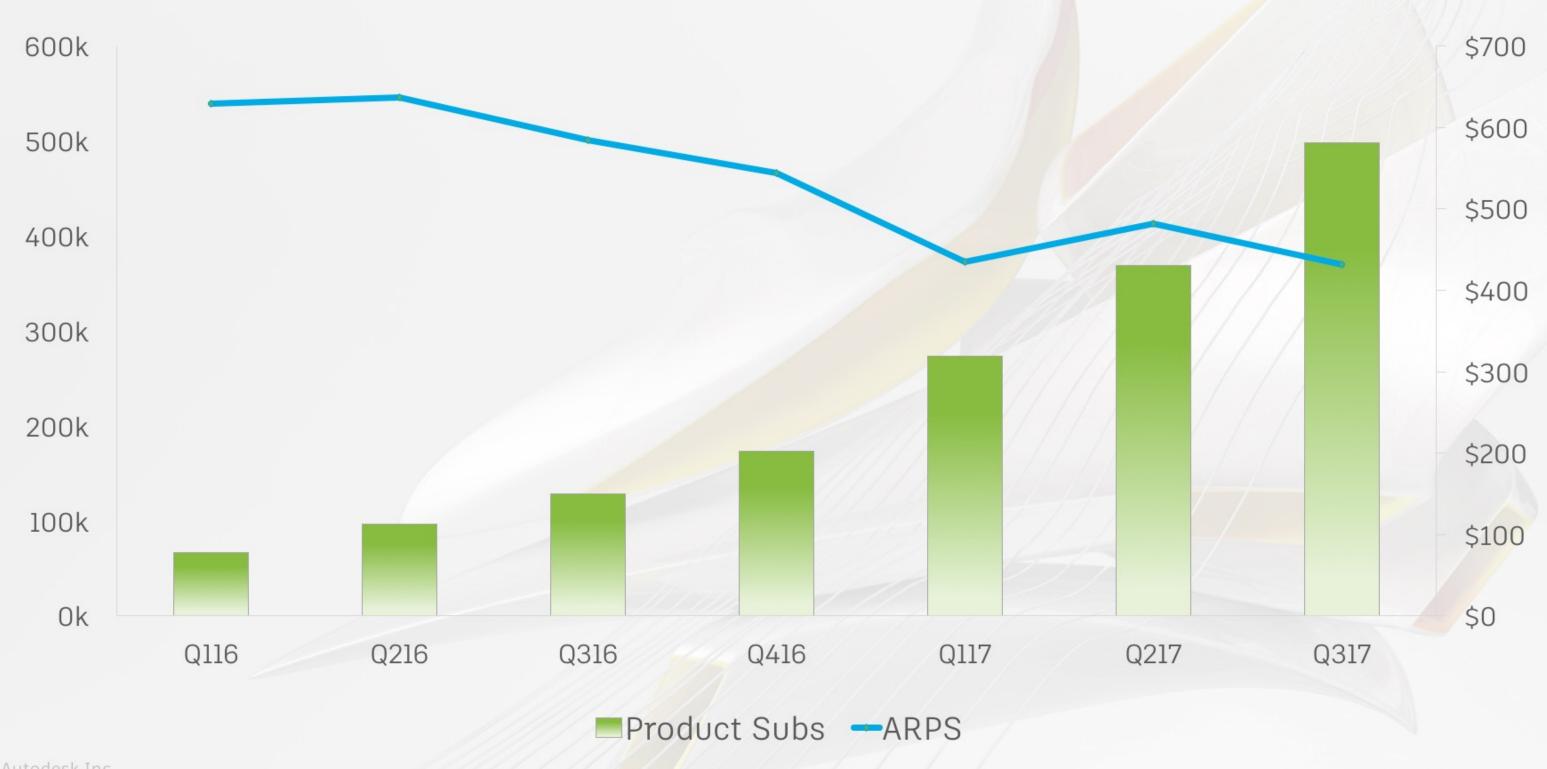
## Enterprise ARPS Improves With Renewals



Adoption Drives Subscription Growth Renewal Drives ARR Growth



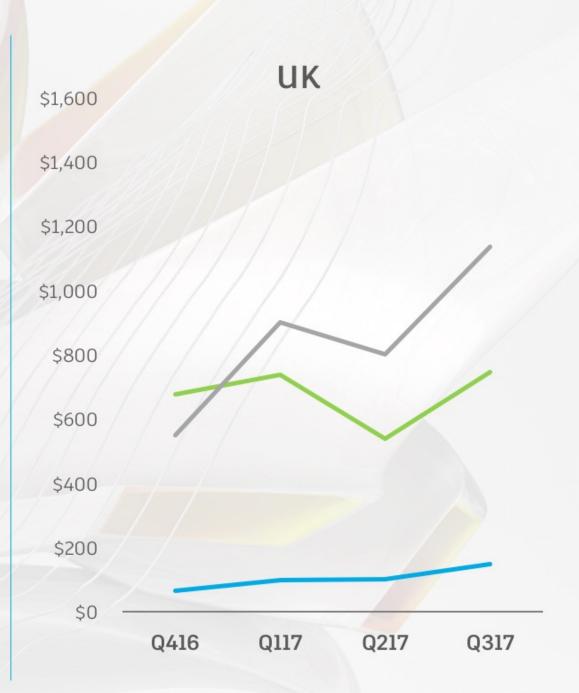
## Mix Drives Product Subscription ARPS

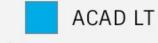


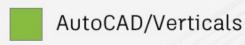
# Underlying Product Subscription ARPS Trends are Positive Worldwide

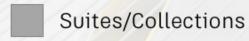








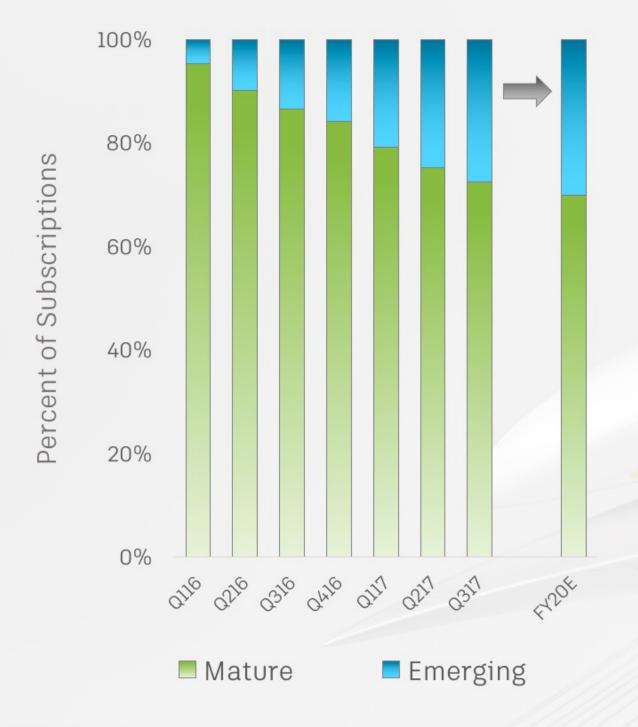


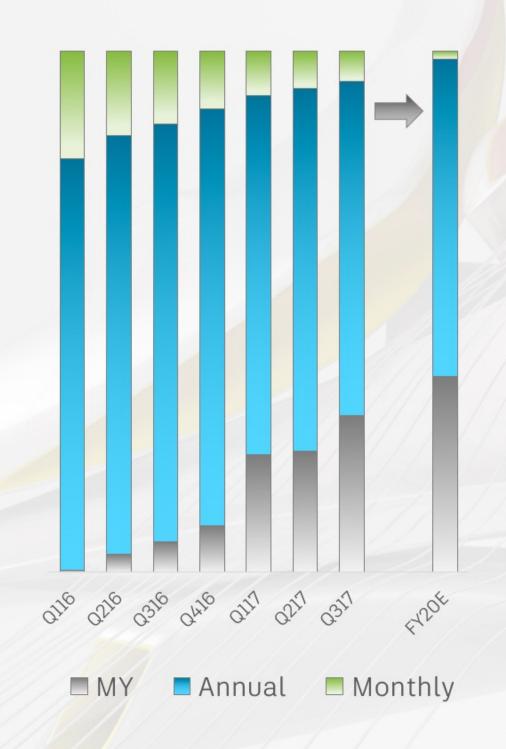


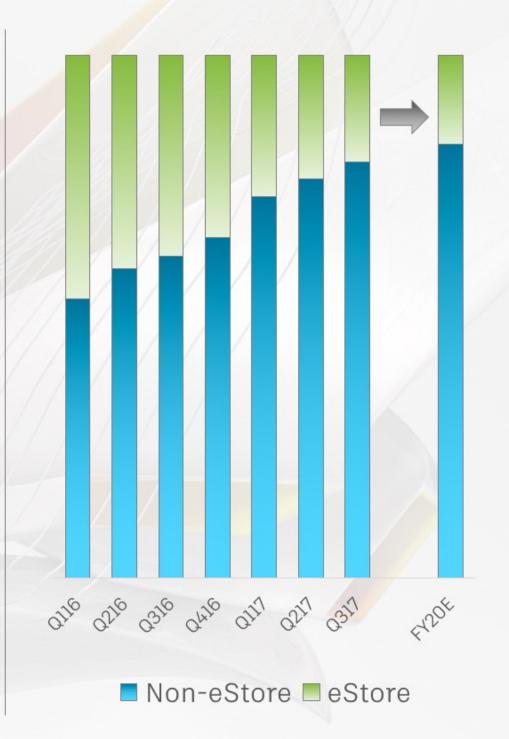
# Product Subscription ARPS Drivers

Higher ARPS Drivers  Higher subscriptions proportion in early stages of transition	Lower ARPS Drivers  Rapidly increasing subscription proportion in middle stages of transition		
Mature	Emerging		
Monthly	Annual/Multi-Year		
eStore	Indirect		

### Mix Trends Over Time



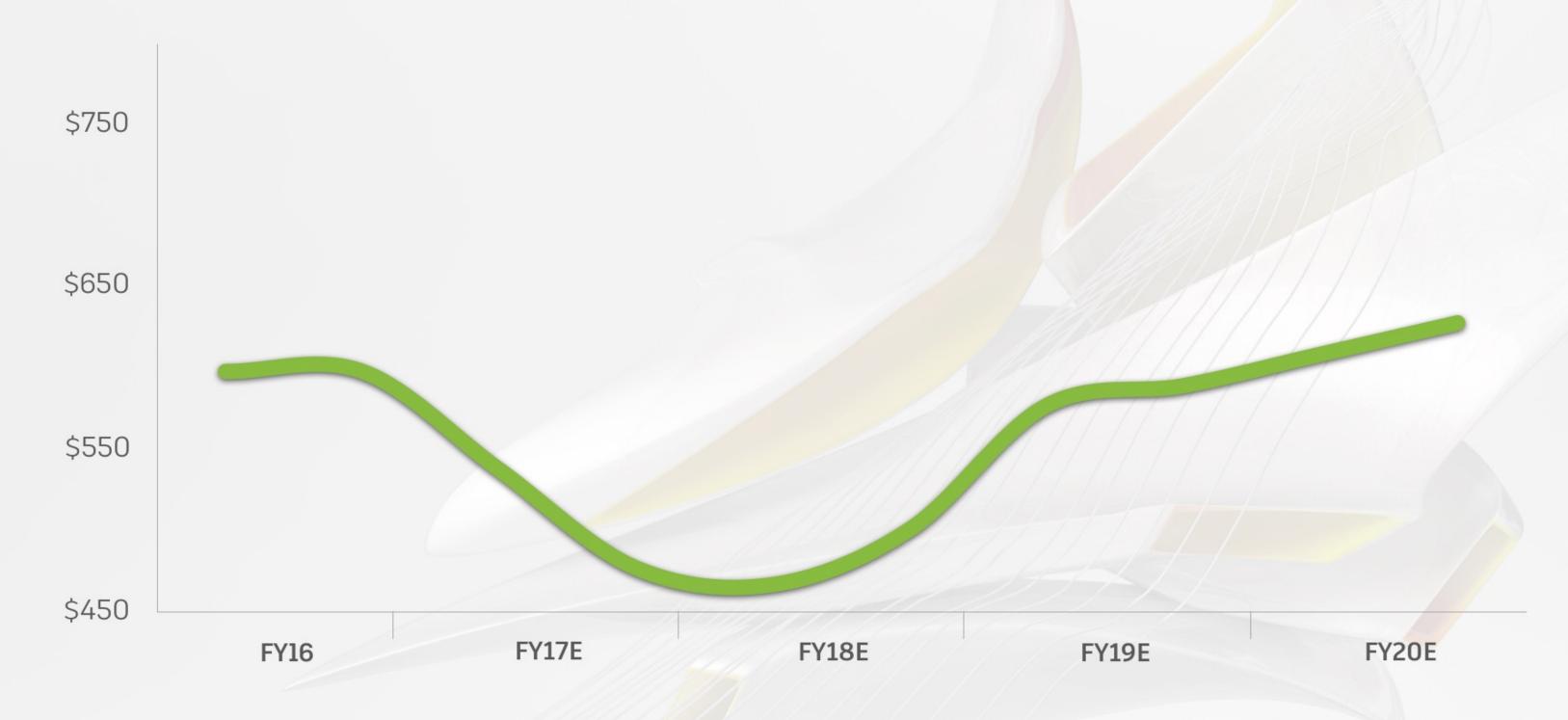




# Why Will the ARPS Trend Improve?

- Impact of non-product mix diminishes
- Product mix shifts to higher prices
  - Declining promotion discounts
  - Maintenance migration
  - Move to collections
- Price realization drives more value back to Autodesk

# New Model ARPS Trend Improves in FY18 and Beyond



## ARPS Trends Are Real But Transitory

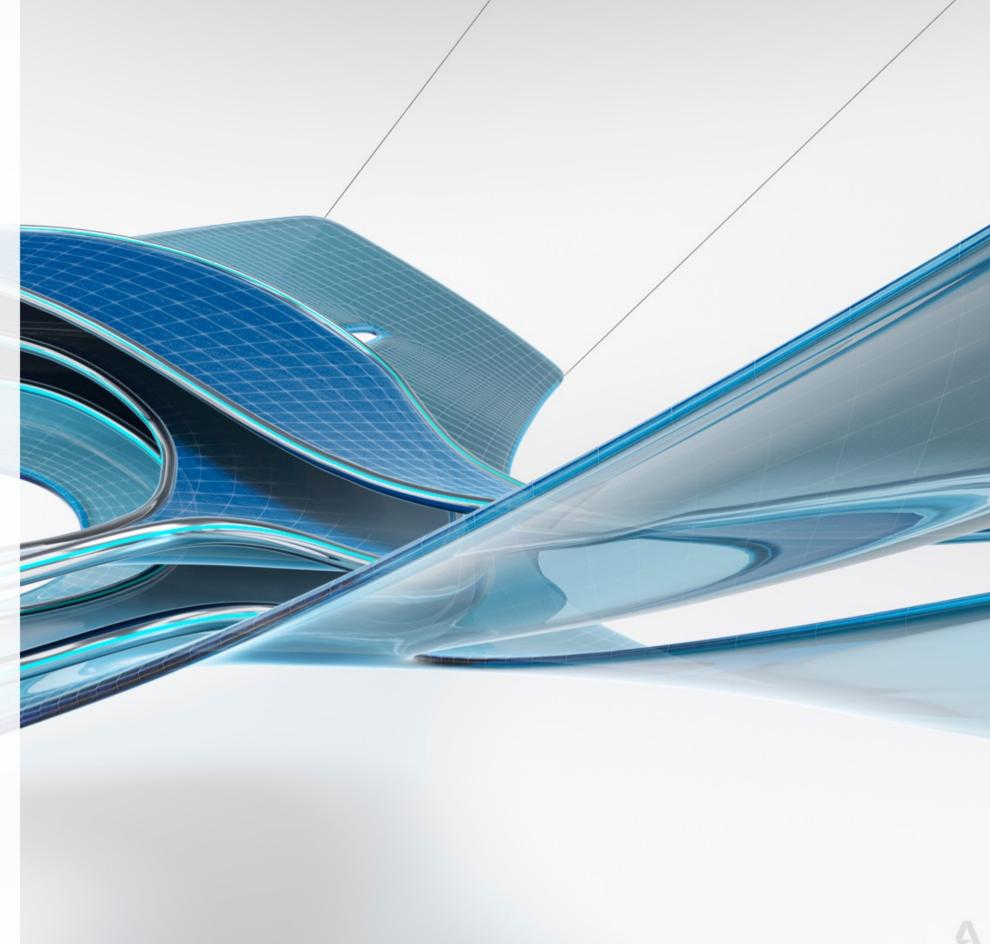
 For individual countries, products, and channels ARPS continues to rise

- Several key mix factors are driving current trend
- ARPS trend will reverse by the end of FY18

## ARPS Evolution

Subscription Volume Drivers

Non-Volume ARR Drivers



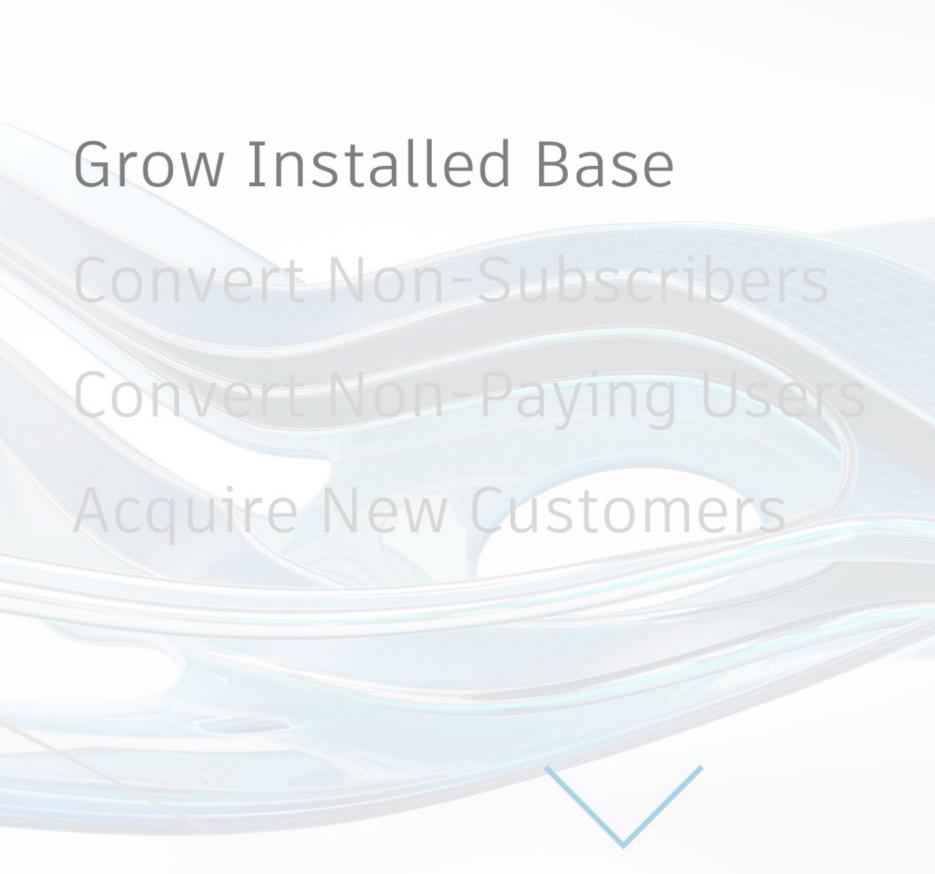
Grow Installed Base

Convert Non-Subscribers

Convert Non-Paying Users

Acquire New Customers





## Existing Customers Buying More

### DESIGN

- Current desktop products
- New desktop products





#### **MAKE**

- BIM 360
- Fusion





Grow Installed Base Convert Non-Subscribers Convert Non-Paying Users Acquire New Customers

## Non-Subscriber Base

2.91/

Non-Subscribers FY15 5 Years Back 2.8

Non-Subscribers FY16 5 Years Back

## Non-Subscriber Base



Non-Subscribers FY17 5 Years Back\*



VE UNITED STATES AUTOCAD LT BUILDING DESIGN SUITE ACTIVE GERM TIVE ACTIVE INACTIVE ACTIVE INFRASTRUCTURE DISIGN SUITE JAPAN OCAD LT ITALY ACTIVE BUILDING DESIGN SLINE SERIAL NILIMBER ACTIVE VE AUTOCAD LT INACTIVE AUTOCAD LT ACTIVE INFRASTRUCTUR
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6546234	INACTIVE	ATES
4236524	INACTIVE	D VA
5452678	ACTIVE	- DF
9525647	ACTIVE	DOL
3472878	INACTIVE	KUL
8635275	ACTIVE	NAC
5687939	ACTIVE	STAT
3457338	ACTIVE	NU
8043520	INACTIVE	AUT
2419093	ACTIVE	75.1
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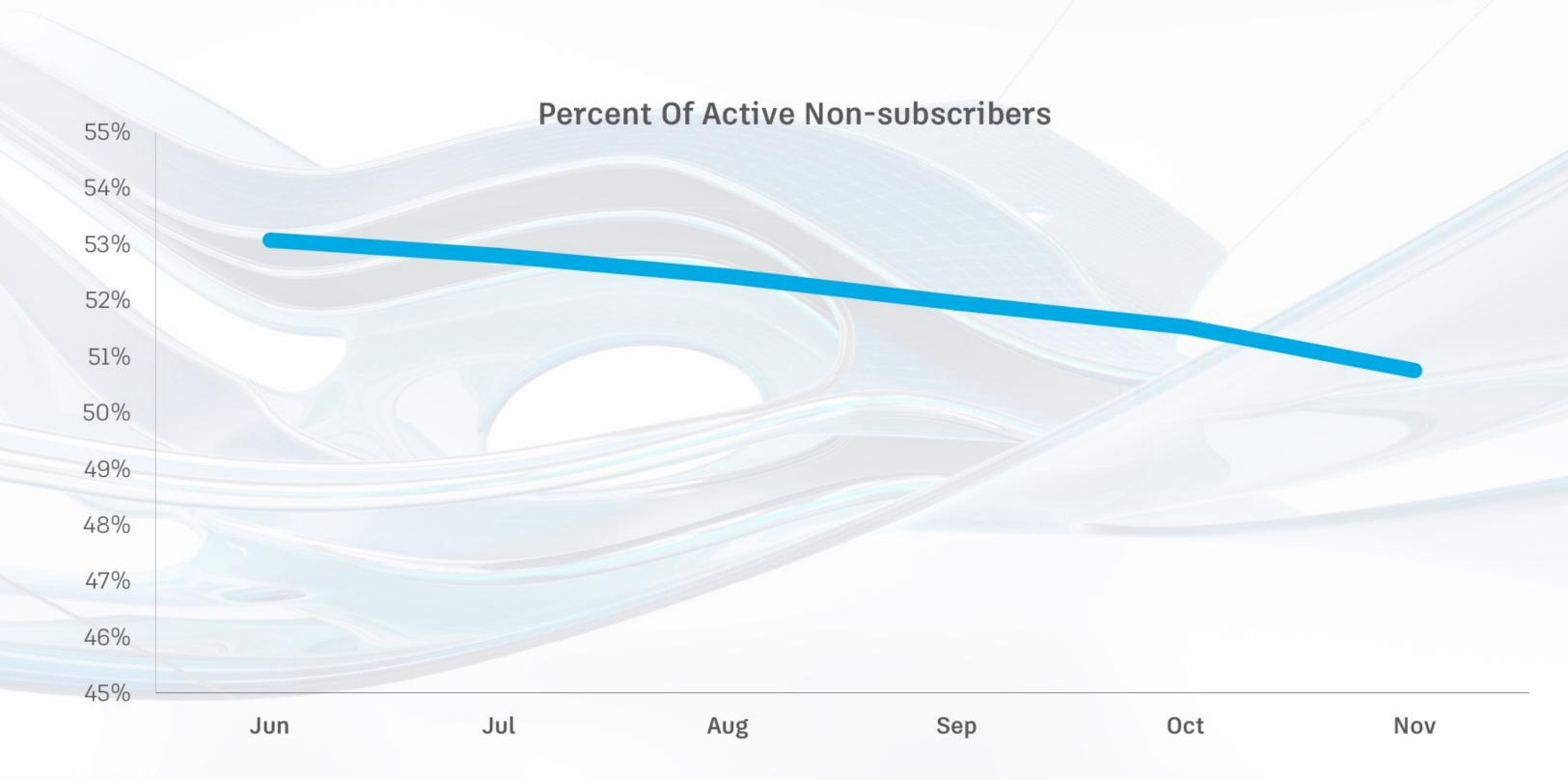
## Size of Active Population

Active Non-Subscribers FY17 5 Years Back\*

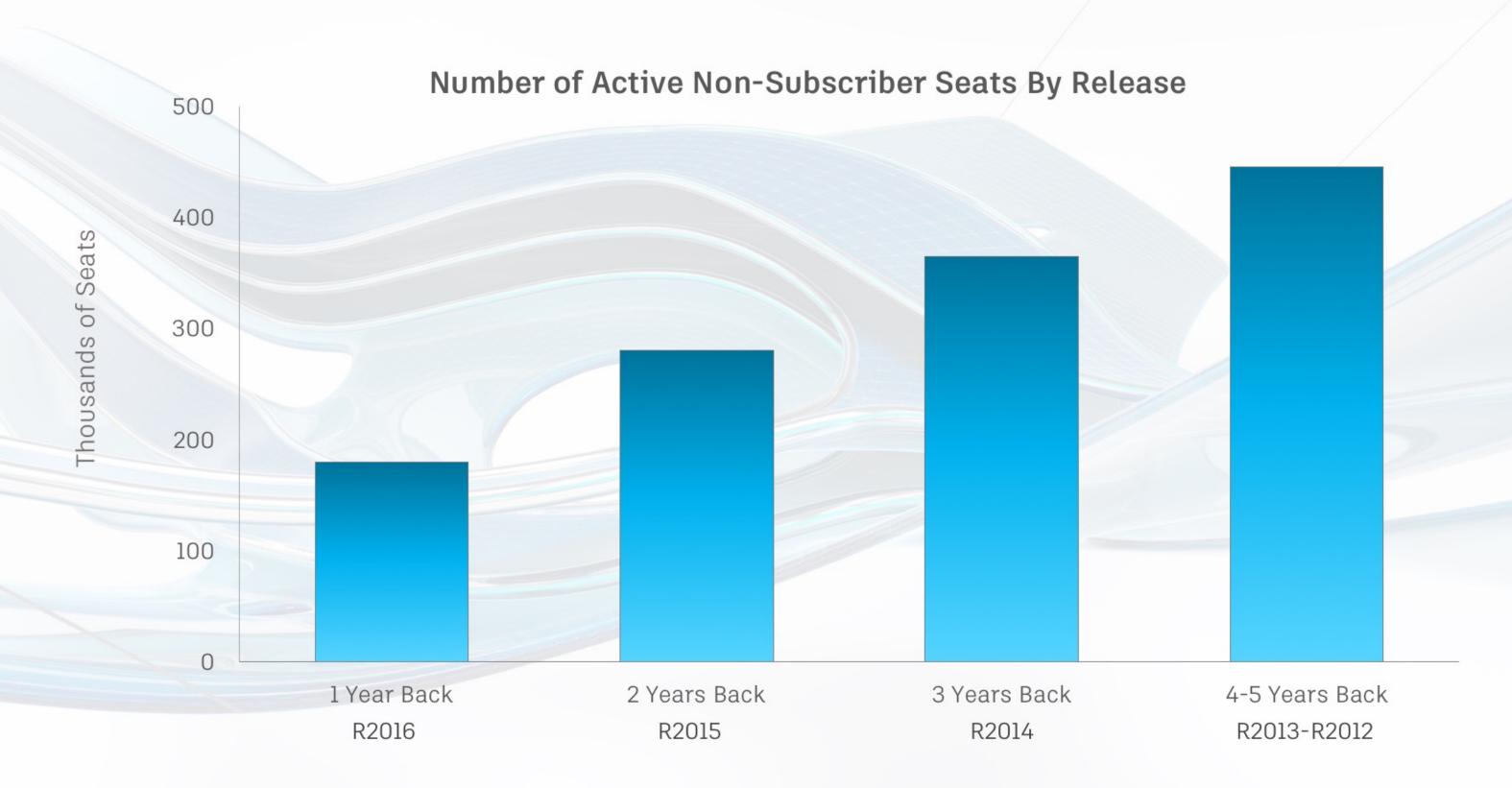
Active Non-Subscribers FY17 5 Years Back\*



## Programs Are Converting Non-Subscribers



## More Active Users in Later Years



## What Products They are Using



49% AutoCAD LT



26% AutoCAD Family







22%

**Autodesk Suites** 



## Programs That Drive Results

#### High Touch

- Reseller sales
- Hub sales
- Non-current targeting
- Trade-in promotions

#### Low Touch

- Email
- Retargeting
- eStore promotions
- In-product promotions
- Win back programs

#### POWERFUL, PERSONAL, FLEXIBLE

Get a 3 year subscription for the price of 1 year

LIMITED TIME OFFER SAVE NOW



**Promotions** 



Subscribers also have exclusive access to free support webinars—you may attend and

ou savings of up to 70% to trade in your 2005-2015 license(s) for a new 3-year

If you'd like to update your software, this limited-time offer will help you get started, and

Autodesk Support will be there to help you get up and ready with your new software.

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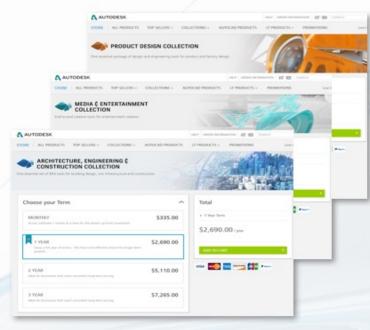


Retargeting

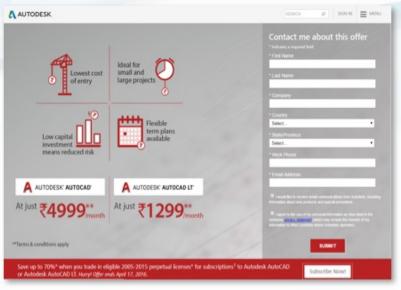


Social





eStore



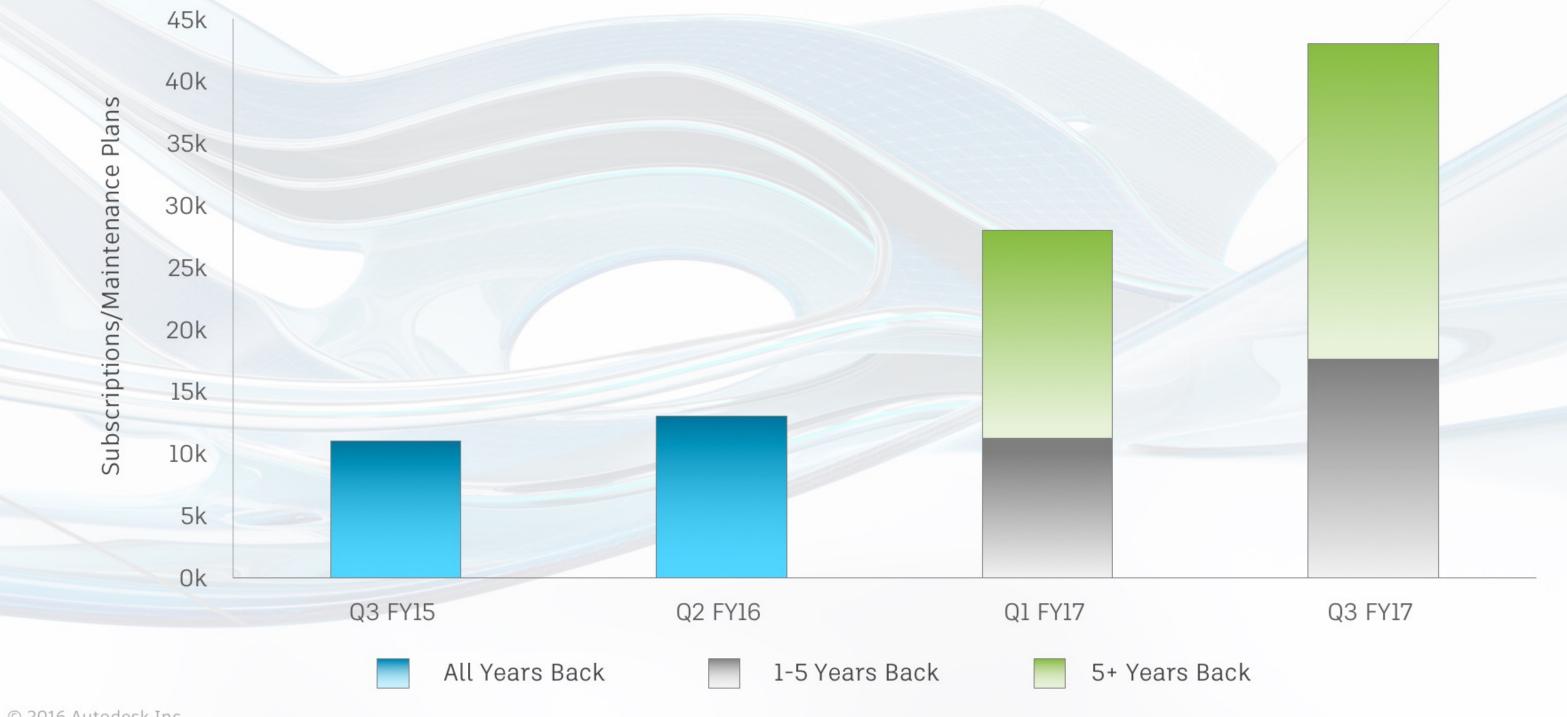
Landing Pages



Your Autodesk Support Team

AUTODESK.

# Non-Subscribers on Releases 5+ Years Back Are an Important Target





## Level of Active Use Can Only Be Estimated

4.61/

Total Valid Licenses More Than 5 Years Back\* 0.91/

Estimated Active
More Than 5 Years Back\*\*

#### Estimated Total Active Non-Subscribers

# 1.3M + 0.9M = 2.2M

Known Active 5 Years Back\*

Estimated Active 5+ Years Back

Estimated Total Active Non-Subscribers



## Why Would They Subscribe?

# More Value with Subscription

- Support
- Improved user, license, and update management
- Seamless switching of term and product
- Cloud applications

# + Up to Date Ecosystem





Grow Installed Base Convert Non-Subscribers Convert Non-Paying Users Acquire New Customers

# Average Piracy Rates Are High



Global Piracy Rate



TATES AUTOCAD LT BUILDING DESIGN SUITE ACTIVACTIVACTIVE INFRASTRUCTURE DISIGN SUITE ACTIVA BUILDING DESIGN GUILE GEDIAL NUMBER STATES AUTOCAD LT ACTIVE INFRASTRU E ACTIVE AUTOCADO INFRASTRUCTURE DESE

**PRODUCT ACTIVATION** STATUS 3453454 **VALID** 6546234 VALID 4236524 **VALID** 5452678 **VALID** 9525647 VALID 3472878 VALID 8635275 **VALID** 5687939 **VALID** 3468399 INVALID 3457338 VALID 8043520 **VALID** 2419093 **VALID** 

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D STATES AUTOCAD LT BUILDING DESIGN SUITE JAPAN ACTIVE GERMANY ACTIVE RUSSIA ACTIVE INACTIVE UNITED STATES VALID AC

© 2016 Autodesk Ince Autocad Active France Autocad Lt Active Building design suite China Autocad Valid Serial Number

# Autodesk's Piracy Rate is Higher



Autodesk Piracy Rate



# The Size of the Active Non-Paying Base is Large



Total Non-Paying Users Worldwide

3M AMER

3M EMEA

6M APAC

Δ

## Mature Markets Are Just as Important



Total Non-Paying User in Mature Markets

1M AMER

1.5M EMEA

1.5M APAC

### Over 1M Seats in Accounts We Do Business With

# 1.1M

#### **ACTIVE NON-PAYING USERS**

In accounts that are paying us now or have paid us in the past

# 150K

#### **ACTIVE NON-PAYING USERS**

In accounts that have never paid us

2.8M

Currently Unknown

4M

TOTAL ACTIVE NON-PAYING USERS IN MATURE MARKETS



# Programs That Drive Results

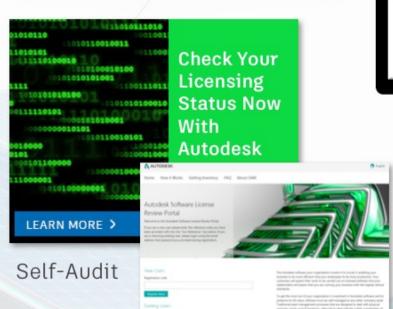
### High Touch

- Reseller sales
- Hub sales
- Compliance programs

#### Low Touch

- Organic search
- E-commerce
- Nurture
- Self-audit
- Digital programs
- In-product messaging



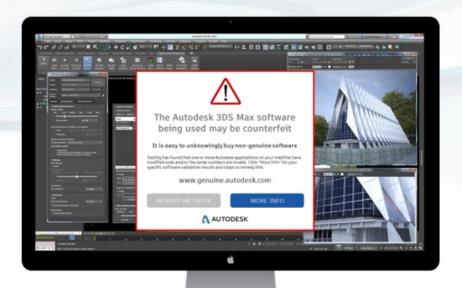




Search



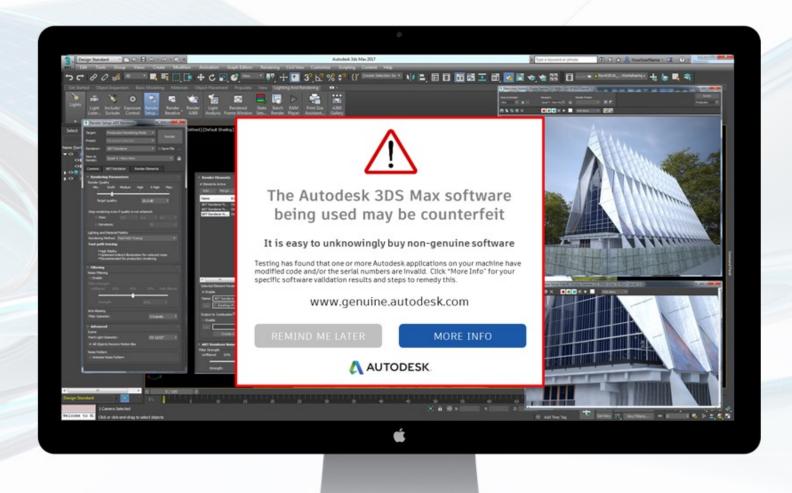
Asset Management



In-Product

# Rolling Out Programs Targeting Unknown Accounts





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# Why Would They Subscribe?

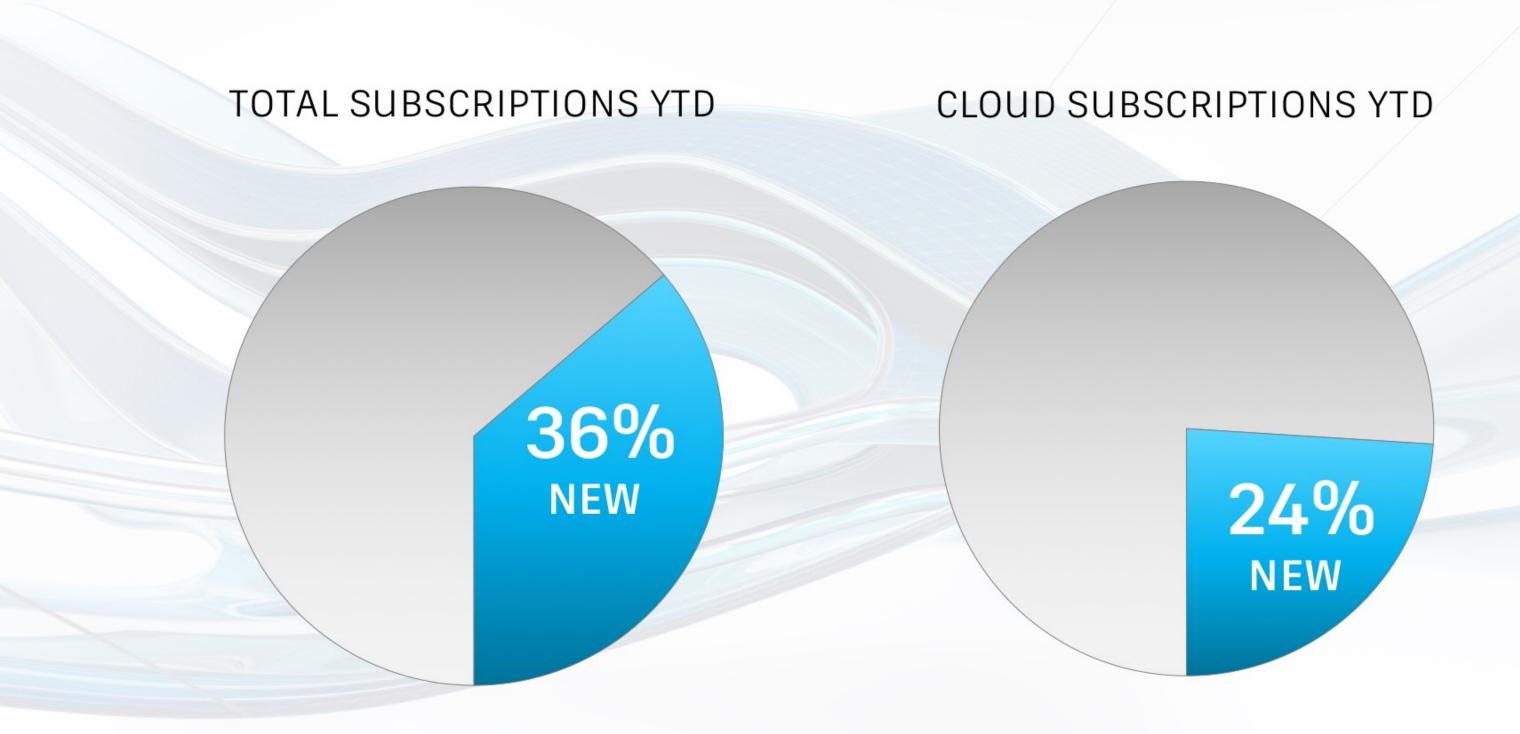
# More Value with Subscription

- Support
- Improved user, license, and update management
- Seamless switching of term and product
- Cloud applications

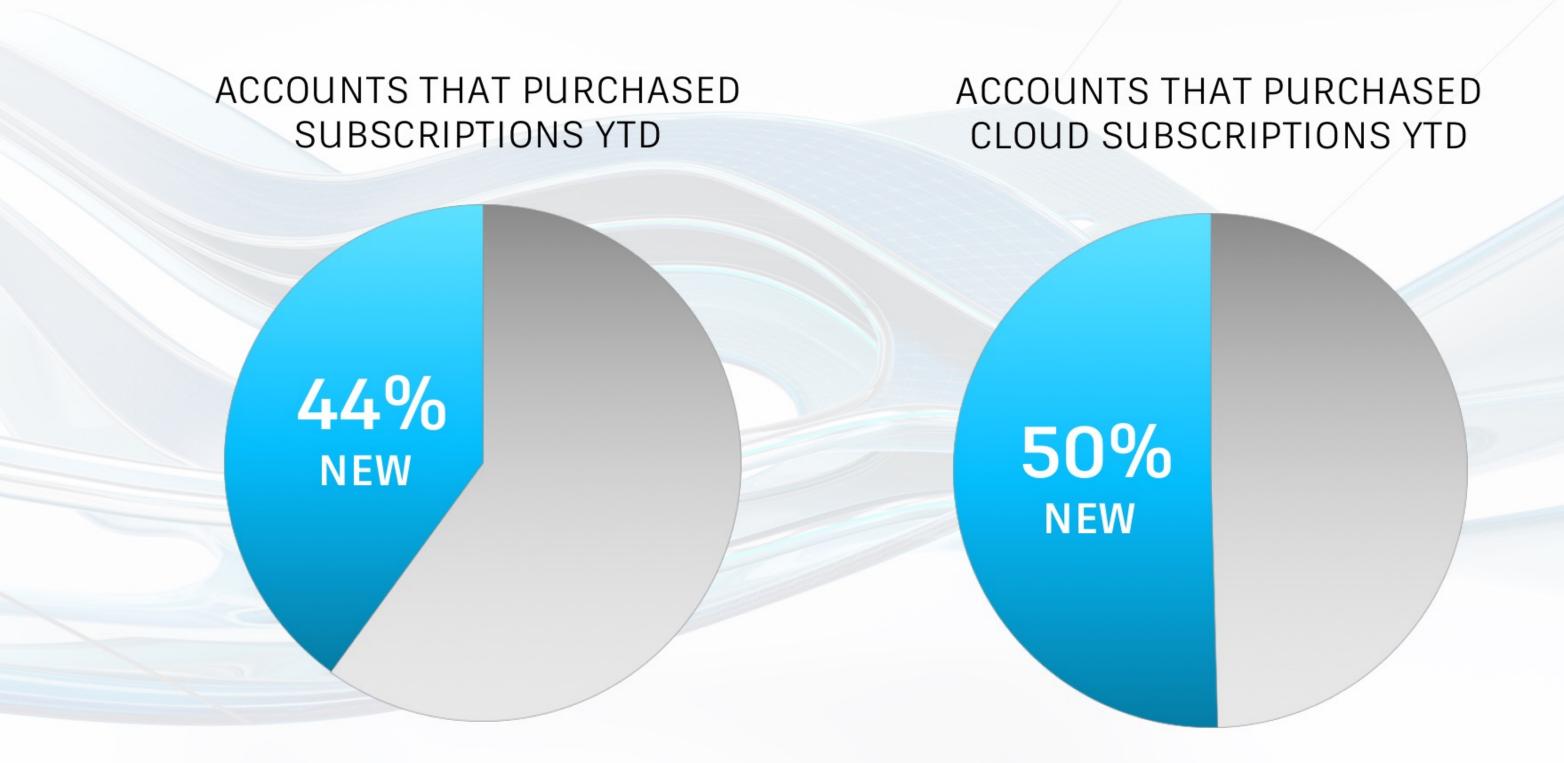
# + Lower Cost of Entry

Grow Installed Base Convert Non-Subscribers Convert Non-Paying Users Acquire New Customers

# New Offerings Drive New Acquisition



# New Offerings Drive New Acquisition



# What Are New Customers Buying?





# New Design Targets Are Clear



Acquire new subscribers in AEC with AutoCAD brand and move to vertical offerings later

# New Design Targets Are Clear



Acquire new subscribers in product design with Fusion

# New Make Targets Are Clear



Acquire new subscribers in manufacturing and construction with Fusion and BIM 360

# Clear Line Of Sight to Critical Volume Drivers

- Cloud attach to existing installed base is accelerating
- Analytic insights improve non-subscribers and non-paying user conversion
- Net new subscriptions will be a key volume contributor

ARPS Evolution

Subscriber Volume Drivers

Non-Volume ARR Drivers



Maintenance Migrations

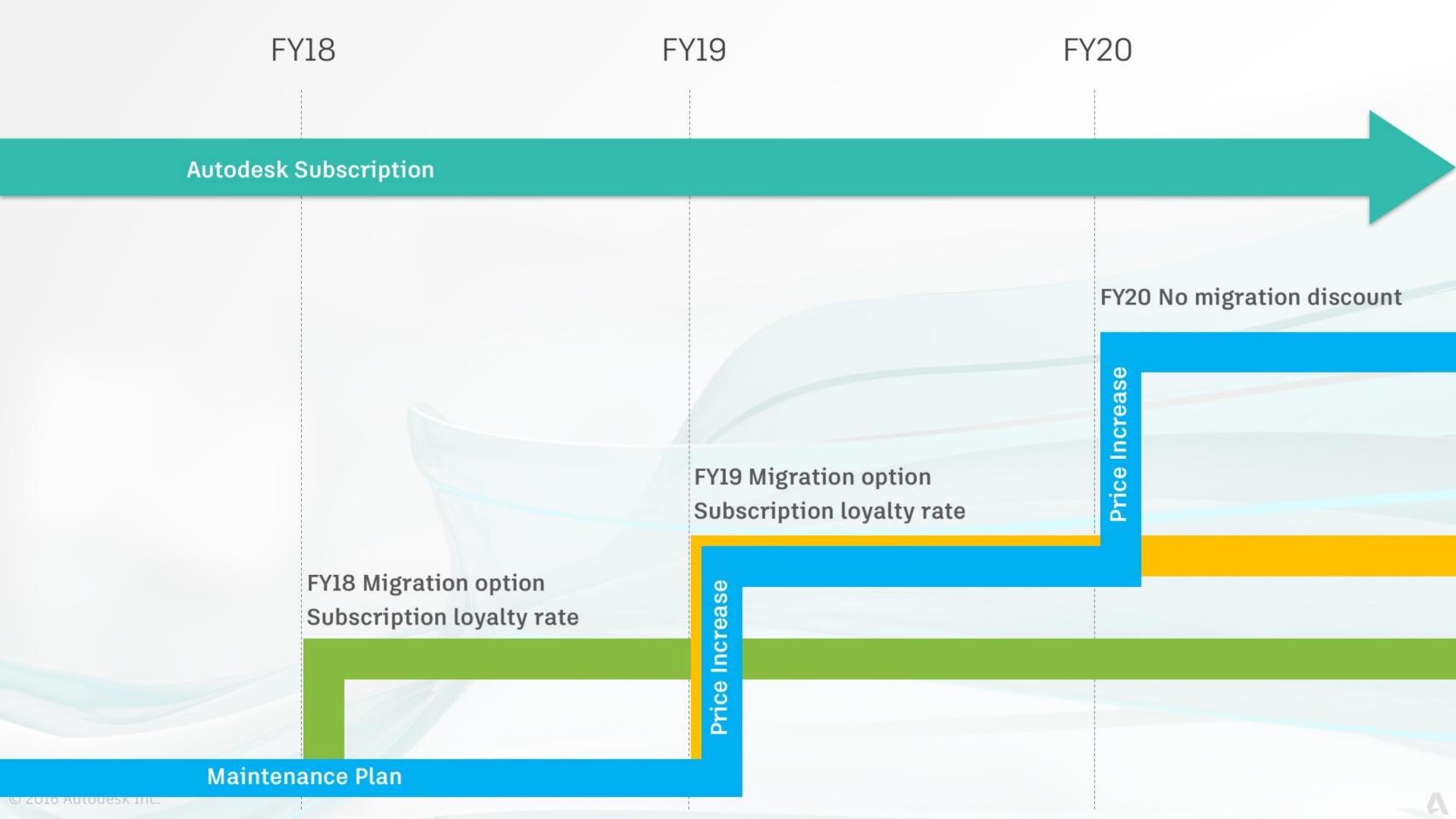
AutoCAD Pricing Optimization

Standalone to Collections

# Maintenance Migrations

AutoCAD Pricing Optimization

Standalone to Collections



## Why Would They Subscribe?

# More Value with Subscription

- Support
- Improved user, license, and update management
- Seamless switching of term and product
- Cloud applications

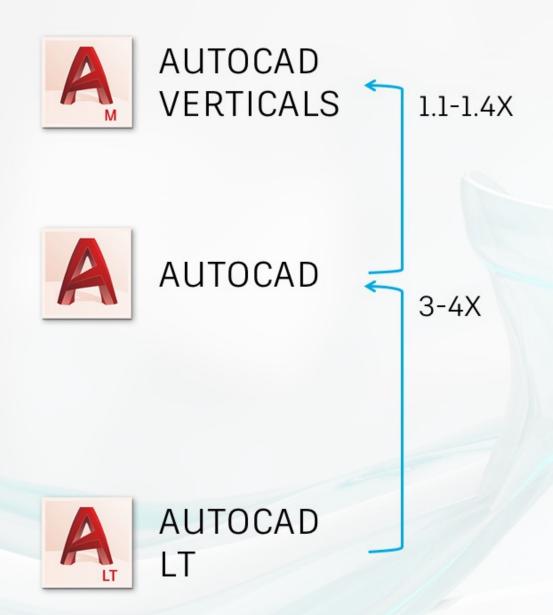
# + Loyalty Pricing

Maintenance Migrations

AutoCAD Pricing Optimization

Standalone to Collections

### FY16 Perpetual Pricing

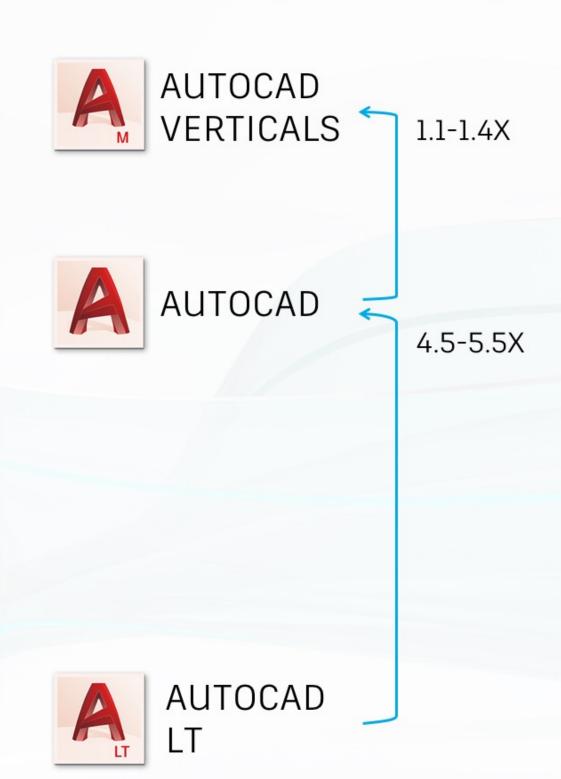


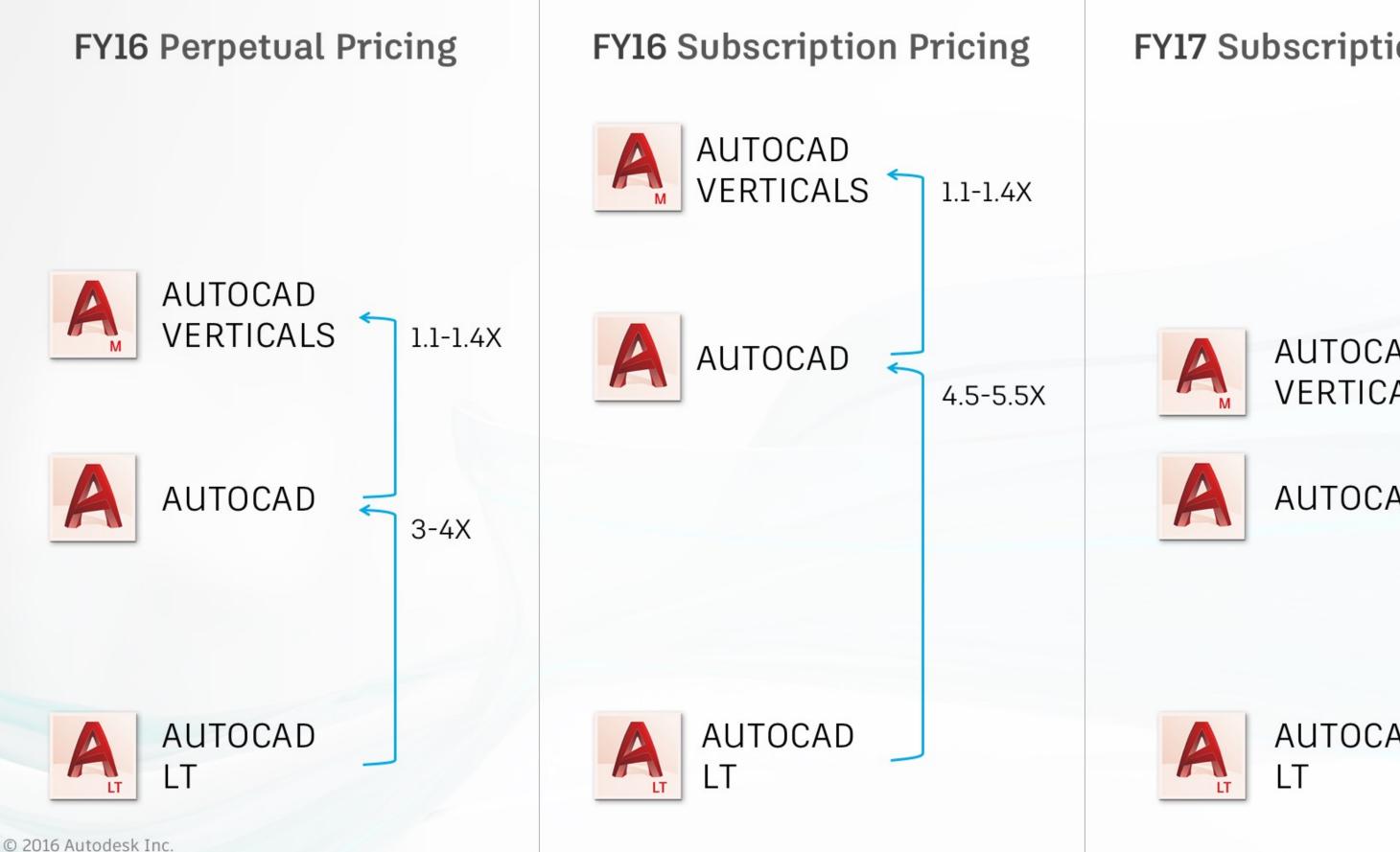
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#### FY16 Perpetual Pricing

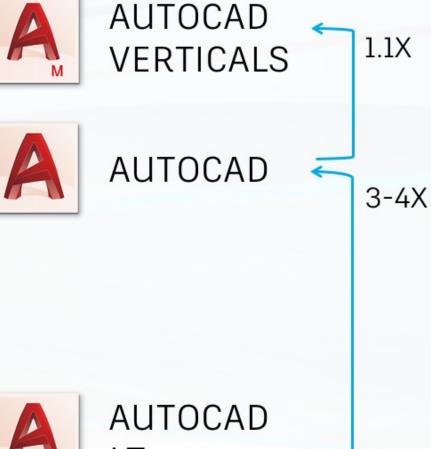
# AUTOCAD VERTICALS 1.1-1.4X AUTOCAD 3-4X **AUTOCAD**

### **FY16 Subscription Pricing**

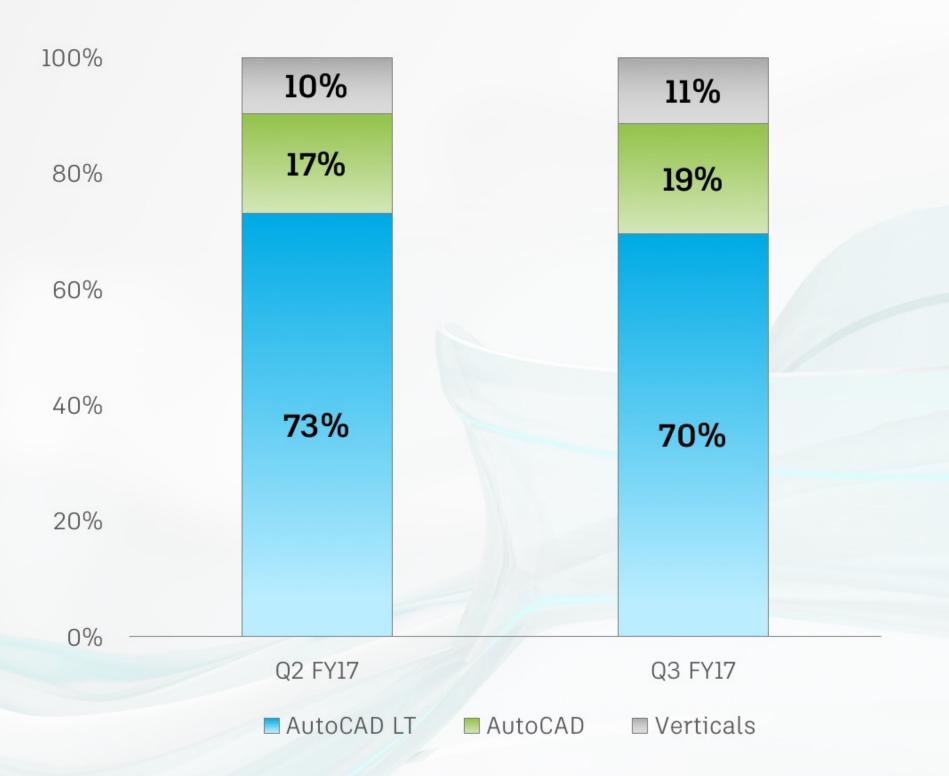


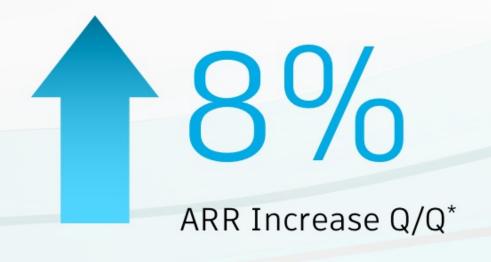


**FY17 Subscription Pricing** 



### Pricing Optimizations Yield Incremental ARR

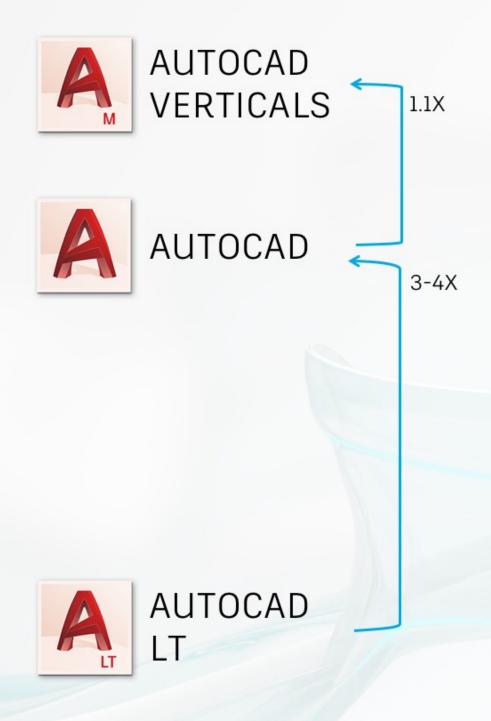






\*New product subscriptions sold through channel partners; excludes renewals and legacy promotions

### **FY17** Subscription Pricing



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### **FY17** Subscription Pricing

### **FY18 Subscription Pricing**



Maintenance Migrations

AutoCAD Pricing Optimization

Standalone to Collections

## Early Success With Collections

# 19K

Collections Sold Since Launch (Q3 FY17)

670

Subscriptions That Moved to Industry Collections

9K

New Seats of Industry Collections

9.5K

Non-Subscribers That Moved to Industry Collections

### Maintenance Migration to Collections

FY17
5X

\$2690

\$545



AutoCAD Customer on Maintenance

2X FY18 & Beyond



AUTODESK ARCHITECTURE, ENGINEERING & CONSTRUCTION COLLECTION

AUTODESK.

\$1075

### Non-Volume ARR Drivers Deliver Incremental Growth

Increased focus on maintenance to subscription migration

Pricing optimizations for AutoCAD family yield incremental ARR

 The move to Industry Collections will accelerate from FY18 and beyond

# ARPS Evolution

Subscriber Volume Drivers

Non-Volume ARR Drivers



# Key Takeaways

ARPS trends are real but transitory

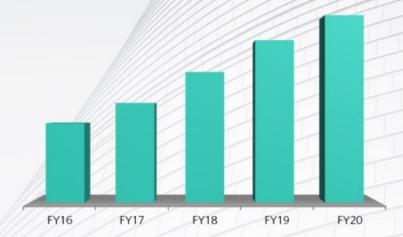
Clear line of sight to critical volume drivers

Non-volume ARR drivers deliver incremental growth

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24%

CAGR FY16-FY20



ARR

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CAGR FY16-FY20



**ARPS** 

Annualized Revenue Per Subscription 20%

CAGR FY16-FY20



Subscriptions

Product, Cloud, EBAs\* and Maintenance

\*ENTERPRISE BUSINESS AGREEMENTS

# AUTODESK®